

The Superintending Engineer writes:—

“The kharif duty in the last two triennial periods is less than that in the preceding three years. This is due to the introduction of the flushing system. It is calculated on the gross discharge entering the Canals and is of no practical value, as discharges in excess of requirements are run as frequently as the state of the river permits for flushing out the silt deposited at the head of the Canals.

“On the assumption that the whole kharif area was irrigated during the ten days of maximum demand, or ‘period of pressure,’ generally between the 5th and 14th October, the duty during the period under review is given in the statement following:—

CANAL SYSTEM.	1899-1900.			1900-1901.			1901-1902.		
	Area irrigated Kharif.	Average discharge from 5th to 14th October 1899.	Duty per cubic foot of discharge.	Area irrigated Kharif.	Average discharge from 18th to 27th October 1900.	Duty per cubic foot of discharge.	Area irrigated Kharif.	Average discharge from 5th to 14th October 1901.	Duty per cubic foot of discharge.
1	2	3	4	5	6	7	8	9	10
	Acres.			Acres.			Acres.		
Eastern Main Series	74,948	1,233	60.78	79,275	1,800	44.04	80,142	2,008	39.91
Western Main Series	230,516	3,083	74.77	244,163	3,822	63.88	251,767	4,104	61.34

“It has been the practice for the last five years to commence increasing the Canal discharges about the beginning of October, so as to have everything in order and a full supply ready to meet a heavy ‘hathiya’ demand, should rain fail during that period. The higher duty obtained in 1899-1900, was due to the cultivators being compelled, owing to the short supply in river, to economise water as much as possible.

“In the early part of October 1901 owing to high floods in the river the Canals had to be closed. Consequently in 1900-1901 the period of pressure has been taken between the 18th and 27th of that month.

“The duty during the rabi season increases with the increase of area irrigated. It is often vitiated by flushes being run in January and February, when the river is in flood, with a view to killing weeds in the Canals.

“The Executive Engineer of the Arrah Division repeats the table which has now been given for some years, showing the aggregate depth of water placed at the rice-fields, on the hypothesis that the entire ‘utilised’ discharge of the Canal reached the fields. The figures take cognizance of the months July to October inclusive, thus:—

YEAR.	AVERAGE DEPTH DUE TO		Total.
	Rainfall.	Canal water.	
1	2	3	4
	Feet.	Feet.	Feet.
1887-88 ...	2.53	2.60	5.16
1888-89 ...	3.47	2.93	6.40
1889-90 ...	2.81	2.62	5.43
1890-91 ...	3.36	2.42	5.78
1891-92 ...	1.60	3.75	5.35
1892-93 ...	2.37	3.04	5.41
1893-94 ...	2.89	2.14	5.03
1894-95 ...	3.59	2.09	5.68
1895-96 ...	2.33	3.02	5.35
1896-97 ...	1.56	3.22	4.78
1897-98 ...	3.29	2.37	5.66
1898-99 ...	3.94	2.31	6.25
1899-1900 ...	3.12	2.14	5.26
1900-1901 ...	2.27	2.41	4.68
1901-1902 ..	1.88	2.81	4.69

The total area irrigated by distributaries during the year 1901-1902 and the duty of water on them are abstracted below:—

TABLE, IX(a).—DUTY OF WATER ON DISTRIBUTARIES.

DISTRIBUTARIES.	AREA IRRIGATED IN ACRES.				MEAN DUTY IN ACRES PER CUBIC FOOT OF DISCHARGE.		
	Kharif.	Rabi.	Hot weather.	Total.	Kharif.	Rabi.	Hot weather.
1	2	3	4	5	6	7	8
<i>Eastern Sone Division.</i>	Acres	Acres.	Acres.	Acres.	Acres.	Acres	Acres.
Distributaries on the Eastern Main Canal.	3,163	371	32	3,566	102	41	16
Distributaries on the Patna Canal (Daudnagar subdivision).	38,788	7,236	1,202	47,226	71	56	37
Distributaries on the Patna Canal (Bikram subdivision).	38,191	9,089	3,176	50,456	71	30	24
Total Patna Canal ...	76,979	16,325	4,378	97,682	65	44	22
TOTAL EASTERN SONE DIVISION ...	80,142	16,696	4,410	101,248	...	...	...
<i>Arrah Division.</i>							
Distributaries on the Arrah Canal (Nasriganj subdivision).	25,087	8,475	2,557	36,119	84	63	35
Distributaries on the Arrah Canal (Agiaon subdivision).	28,292	14,104	2,537	44,933	91	114	33
Total Arrah Canal ...	53,379	22,579	5,094	81,052	87	88	34
Distributaries on the Dumraon Branch Canal (Koath subdivision).	25,477	31,047	6,940	63,464	37	70	42
Distributaries on the Bihia Branch Canal (Ramnagar subdivision).	38,859	29,153	6,016	74,028	79	83	22
Total Arrah Division ...	117,715	82,779	18,050	218,544	...	...	...
<i>Buzar Division.</i>							
Distributaries on the Main Western Canal (Sikroul subdivision).	6,026	4,158	596	10,780	133	113	67
Distributaries on the Main Western Canal (Jamrour subdivision).	2,119	1,861	194	4,174	74	73	30
Distributaries on the Main Western Canal (Basawan subdivision).	2,502	7,827	182	10,511	134	138	46
Total Main Western Canal ...	10,647	13,846	972	25,465	...	...	...
Distributaries on the Buxar Canal.	49,063	32,732	4,585	86,380	73	97	28
Ditto ditto Chowra Branch Canal (Jamrour subdivision).	32,387	27,835	797	61,019	94	115	26
Distributaries on the Gurra Chowbey Branch Canal (Basawan subdivision).	10,320	17,445	506	28,271	74	103	44
Total Buxar Division ...	102,417	91,858	6,860	201,135	...	...	...
TOTAL SONE CANALS ...	300,274	191,333	29,320	520,927	...	...	...

TABLE X.—CROP EXPERIMENTS—RICE.

Result of experiments on “good” rice crops, irrigated with Canal-water.

DIVISION.	1899-1900.			1900-1901.			1901-1902.		
	Number of experi-ments.	AVERAGE YIELD PER ACRE WEIGHED DRY.		Number of experi-ments.	AVERAGE YIELD PER ACRE WEIGHED DRY.		Number of experi-ments.	AVERAGE YIELD PER ACRE WEIGHED DRY.	
		Grain.	Straw.		Grain.	Straw.		Grain.	Straw.
1	2	3	4	5	6	7	8	9	10
	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.
Eastern Sone ...	2	33 35	80	1	29 37	71	4	30 28	39
Arrah ...	14	24 32	73	12	27 6	68½	55	27 6	43
Buxar ...	17	31 0	58	10	29 37	63¼	20	31 4	63
Average Sone Circle	33	32 32	68½	23	28 19	65½	79	28 20	48

Result of experiments on “average” rice crops, irrigated with Canal-water.

	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.
Eastern Sone ...	24	25 39	43	23	20 31	37½	23	24 34	41
Arrah ...	47	20 28	35½	50	18 25	32½	23	15 32	29
Buxar ...	22	23 26	38	25	20 35	34¾	37	21 25	38
Average Sone Circle	93	22 30	38	98	19 28	34	83	20 36	36

Result of experiments on “good” rice crops, irrigated without Canal-water.

	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.
Eastern Sone ...	4	27 20	51	2	21 34	53½	...	...	...
Arrah ...	14	30 13	56½	4	33 7	58¼	15	24 39	42
Buxar ...	11	21 11	38½	11	18 15	38	9	17 24	34
Average Sone Circle	29	26 21	49	17	22 11	44¾	24	22 8	39

Result of experiments on “average” rice crops, irrigated without Canal-water.

	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.
Eastern Sone ...	22	20 4	38	20	14 18	28½	25	17 9	30
Arrah ...	23	15 19	26½	36	15 11	25½	41	10 30	21
Buxar ...	21	14 21	26½	16	12 24	23	23	11 17	24
Average Sone Circle	66	16 29	30½	72	14 18	26	89	12 30	24

A “good” crop is one decidedly above the ordinary crop in the village in which the experiment is taken.
An “average” crop is one considered a fair average of the whole crop in the village in which the experiment is taken.

TABLE XI.—CROP EXPERIMENTS—RABI.

Result of experiments on “good” rabi crops irrigated with Canal-water.

	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.
Eastern Sone ...	1	22 0	38½	...	...	...	...	...	...
Arrah ...	1	15 0	29½	...	...	...	5	24 29	32½
Buxar ...	7	9 7	9¼	4	11 1	19¼	5	25 4	27
Average Sone Canal	4	13 34	20½	4	11 1	19¼	10	24 37	29½

Result of experiments on “average” rabi crops irrigated with Canal water.

	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.	No.	Mds. s.	Mds.
Eastern Sone ...	11	19 25	16½	8	8 1	9¼	15	14 25	20½
Arrah ...	27	8 30	11½	22	7 32	13	20	13 28	16½
Buxar ...	18	10 12	12½	15	5 33	9½	16	12 7	13½
Average Sone Circle	56	9 32	12¼	45	7 7	11¼	51	13 20	16½

TABLE XI.—CROP EXPERIMENTS—RABI—concluded
Result of experiments on “good” rabi crops irrigated without Canal water.

DIVISION.	1899-1900.			1900-1901.			1901-1902.		
	Number of experi- ments	AVERAGE YIELD PER ACRE, WEIGHED DRY.		Number of experi- ments	AVERAGE YIELD PER ACRE, WEIGHED DRY.		Number of experi- ments	AVERAGE YIELD PER ACRE, WEIGHED DRY.	
		Grain.	Straw.		Grain.	Straw.		Grain.	Straw.
1	2	3	4	5	6	7	8	9	10
Eastern Sone ...	1	19 3	23½	...	...	...	1	25 25	36½
Arrah ...	3	17 30	24	1	16 0	19½	5	26 39	2½
Buxar ...	4	15 3	18½	4	10 34	16	4	16 22	18
Average Sone Circle	8	16 33	21½	5	11 35	16½	10	22 27	25

Result of experiments on “average” rabi crops irrigated without Canal-water.

Eastern Sone ...	11	11 29	15½	10	8 3	13½	9	14 20	23½
Arrah ...	17	10 8	16	20	7 31	14½	14	11 35	16½
Buxar ...	15	7 26	8½	12	7 18	10½	11	8 11	10
Average Sone Circle	43	9 28	13	42	7 30	13	34	11 16	15½

TABLE XII.—RELATIVE VALUE, IRRIGATED AND UNIRRIGATED CROPS.

DIVISION.	RICE.						WHEAT.					
	1899-1900.		1900-1901.		1901-1902.		1899-1900.		1900-1901.		1901-1902.	
	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.
	Grain=36 seers per rupee. Straw=8 maunds per rupee.	Grain=30 seers per rupee. Straw=8 maunds per rupee.	Grain=33 seers per rupee. Straw=8 maunds per rupee.	Grain=33 seers per rupee. Straw=8 maunds per rupee.	Grain=27 seers per rupee. Straw=3 maunds per rupee.	Grain=27 seers per rupee. Straw=3 maunds per rupee.	Wheat=14½ seers per rupee. Straw=2½ maunds per rupee.	Wheat=14½ seers per rupee. Straw=2½ maunds per rupee.	Wheat=11 seers per rupee. Straw=2 maunds per rupee.	Wheat=11 seers per rupee. Straw=2 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Eastern Sone { Grain ...	29	22	26	17½	37	25½	32	32	29	29	39	38½
{ Straw ...	5		4½	3½	14	10	6½	6	5	6½	10	11½
Arrah { Grain ...	23	17	22½	18½	23½	16	24	28	28	28	36½	31
{ Straw ...	4	3½	4	3	10	7	4½	6	6½	7	8	7½
Buxar { Grain ...	26	16	25	15	32	17	28½	21	21	27	32½	22
{ Straw ...	5	3½	4	3	13	8	5	3½	5	5	6½	5
Average Sone Circle { Grain ...	26	18	24	17	31	19½	28	27	26	28	36	31
{ Straw ...	5	4	4	3	12	8	5	5	5	6	8	

The following supplementary table shows the average outturn from irrigated and unirrigated lands as well as the prices realized by the cultivators

during the triennial period under review as compared with the two preceding periods:—
TABLE XII(a).—RELATIVE VALUE, IRRIGATED AND UNIRRIGATED CROPS.

Division.	RICE						WHEAT.					
	AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1896.		AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1899.		AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1902.		AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1896.		AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1899.		AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1902.	
	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.
	Grain=37 seers per rupee. Straw=8 maunds per rupee.	Grain=33 seers per rupee. Straw=6 maunds per rupee.	Grain=33 seers per rupee. Straw=6 maunds per rupee.	Grain=33 seers per rupee. Straw=6 maunds per rupee.	Grain=33 seers per rupee. Straw=6 maunds per rupee.	Grain=33 seers per rupee. Straw=6 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.	Wheat=15 seers per rupee. Straw=2 maunds per rupee.
1	2	3	4	5	6	7	8	9	10	11	12	13
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Eastern Sone	Grain ... 27	Information not available.	30	22	30	22	29	Information not available.	36	32	33	33
	Straw ... 7		8	5	8	6	9		8	8	7	8
Arrah	Grain ... 26		30	20	23	17	28		38	31	29	29
	Straw ... 7½		8	6	6	4	8½		9	7	6	7
Buxar	Grain ... 25	Information not available.	30	15	28	16	27	Information not available.	33	29	27	23
	Straw ...		...	...	...	...	7		5	5	5	4
Average Sone Circle.	Grain ... 26	Information not available.	30	19	27	18	28	Information not available.	36	31	30	28
	Straw ... 7		8	5	7	5	8		7	7	6	6

63. TABLE XIII.—ASSESSMENTS, REMISSIONS, AND COLLECTIONS.

Number of item.	HEADS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8
1	Opening balance of the year	Rs. 76,819	Rs. 11,299	Rs. Nil.	Rs. Nil.	Rs. 35	Rs. 12
2	Assessment sent to Deputy Collector during the year.	7,81,247	10,04,295	9,71,922	10,39,594	10,69,225	10,26,913
3	Surplus and excess recoveries	5,365	1,880	1,786	2,375	1,640	1,934
	Total ...	8,63,431	10,17,474	9,73,708	10,41,969	10,70,900	10,28,859
4	Ordinary remissions ...	1,250	2,948	2,539	2,561	1,254	2,118
5	Extraordinary remissions ...	49,305	628	6	5	2	4
	Deduction ...	50,555	3,566	2,545	2,566	1,256	2,122
6	Net demand (including arrears)	8,12,876	10,13,908	9,71,163	10,39,403	10,69,644	10,26,737
7	Irrecoverable ...	3,234	609	235	Nil.	18	84
8	Written off under special sanction.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
9	Actually collected ...	7,49,057	10,07,782	9,69,142	10,36,993	10,67,440	10,24,525
10	Surplus and excess recoveries	5,365	1,880	1,786	2,375	1,640	1,934
11	Total collections and adjustments.	7,57,656	10,10,271	9,71,163	10,39,368	10,69,098	10,26,543
12	Outstanding balance (line 6—line 11).	55,220	3,637	Nil.	35	546	194
13	Percentage of collection (11) to net demand (6).	93.21	99.64	100	99.99	99.95	99.98
14	Number of certificates issued	1,723	722	352	327	219	299

SUPPLEMENT TO THE CALCUTTA GAZETTE, DECEMBER 24, 1902. 1991

There is a very marked decrease in the period under review, compared with the two preceding periods of the opening and closing balances and the amounts irrecoverable.

TABLE XIII(a)—REMISSIONS.

The following supplementary table shows the "remissions by Executive Engineers":—

Year.	EASTERN SONE DIVISION.		ARRAH DIVISION.		BUXAR DIVISION.		TOTAL.		GRAND TOTAL.
	Remis- sion.	Refunds.	Remis- sion.	Refunds.	Remis- sion.	Refunds.	Remis- sion.	Refunds.	
1	2	3	4	5	6	7	8	9	10
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1899-1900 ...	730	76	817	949	992	794	2,539	1,819	4,358
1900-1901 ...	332	134	1,472	2,073	757	424	2,561	2,631	5,192
1901-1902 ...	182	92	688	348	384	144	1,254	584	1,838

The causes for which the remissions were granted are given in the table below :—

TABLE XIII(b)—CAUSES FOR REMISSIONS.

Class.	Causes.	1899-1900.	1900-1901.	1901-1902.
1	2	3	4	5
		Rs.	Rs.	Rs.
a	Charge by mistake for land cultivated by others ...	3	5	9
b	Excess measurement or errors in calculation ...	561	825	532
c	Lift charged as flow ...	35	20	...
d	Irrigation not denied, but remitted as not chargeable under the Act.	179	91	56
e	Land not having been irrigated at all ...	183	323	194
f	Injury to crop due to insufficient supply ...	1,845	508	91
g	Land thrown temporarily out of cultivation (applicable to long leases only).	12	...	27
h	Failure of crop originally sown, Rule 82 ...	1,485	3,232	812
i	Land appropriated for other purposes ...	19	32	7
j	Double assessment, as when land assessed on a season lease is subsequently included in a long lease in the same year.	36	156	110
	Total ...	4,358	5,192	1,838

64.

TABLE XIV.—CLAIMS AND COMPLAINTS.

Year.	DIVISION.	I.—CLAIMS FOR ORDINARY REMISSION.			II TO V.—OTHER COMPLAINTS.			TOTAL OF THE YEAR.		
		Allowed.	Refused.	Pending.	Admitted.	Refused.	Pending.	Admitted.	Refused.	Pending.
1	2	3	4	5	6	7	8	9	10	11
		No.	No.	No.	No.	No.	No.	No.	No.	No.
1899-1900	Eastern Sone	102	113	25	69	94	27	171	207	52
	Arrah	516	594	77	383	498	45	899	1,092	122
	Buxar	376	620	80	242	462	94	618	1,082	179
	Total	994	1,327	182	694	1,054	171	1,688	2,381	353
1900-1901	Eastern Sone	127	137	8	89	104	2	216	241	10
	Arrah	702	785	68	496	488	9	1,198	1,273	77
	Buxar	403	510	53	151	208	86	554	718	139
	Total	1,232	1,432	129	736	800	97	1,968	2,232	226
1901-1902	Eastern Sone	209	195	11	75	5	4	284	246	15
	Arrah	725	983	227	184	382	141	909	1,365	368
	Buxar	516	713	142	165	374	167	681	1,087	309
	Total	1,450	1,891	380	424	807	312	1,874	2,698	692

The Superintending Engineer remarks:—

"The increase in the number of complaints pending at the end of the triennial period is said to be due to the larger area of *rabi* irrigated in 1901-1902 and the extra work thrown on the staff whereby they could not investigate all the complaints before the close of the year, the areas over which the complaints were distributed being very large."

TABLE XV.—CLASSIFICATION OF COMPLAINTS.

Class.	SUBJECT.	1899-1900.			1900-1901.			1901-1902.		
		Granted.	Refused.	Total.	Granted.	Refused.	Total.	Granted.	Refused.	Total.
1	2	3	4	5	6	7	8	9	10	11
		No.	No.	No.	No.	No.	No.	No.	No.	No.
I	Claims for remission in which liability to water-rate is denied.	994	1,327	2,321	1,232	1,432	2,664	1,450	1,891	3,341
II	Claims for remission in which liability to water-rate is not denied.	603	780	1,383	589	534	1,123	321	496	816
III	Complaints of damage caused by the canals.	26	45	71	21	53	74	22	54	76
IV	Complaints against individuals.	8	47	55	36	49	85	43	71	114
V	Other complaints.	57	182	239	90	164	254	38	187	225
	Total ...	1,688	2,381	4,069	1,968	2,232	4,200	1,874	2,698	4,572

Out of this large number of complaints only 25 were appealed to the Collector during the period under review, of which three were allowed and the rest dismissed.

65. The statement below gives details of "certificate cases" for the three years under review:—

YEAR.	Cases instituted including those pending from previous year.		Disposed of during the year.		Pending at close of the year.	
	Number.	Amount	Number.	Amount.	Number.	Amount.
1	2	3	4	5	6	7
		Rs.		Rs.		Rs.
1899-1900 ...	352	5,354	352	5,354	Nil.	Nil.
1900-1901 ...	327	3,053	327	3,053	Nil.	Nil.
1901-1902 ...	220	3,210	219	3,197	1	13

The gradual reduction in the number of cases, considering the increase of the demand, is a most satisfactory feature as showing the greater readiness of the cultivators to pay without enforcement.

Only one "Magisterial case" was instituted during the triennial period and it was discharged.

66.

TABLE XVI.-- ESTABLISHMENT.

Item.	HEAD OF ESTABLISHMENT.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Direction and accounts ...	2,18,012	2,02,569	1,98,842	2,15,322	2,05,825	2,06,663
2	Executive ...						
3	REVENUE MANAGEMENT—						
	(i) Under Deputy Collectors.						
	Permanent establishment, including travelling allowance.	55,028	64,754	64,191	58,413	56,955	59,853
	Temporary establishment ...	3,360	4,319	4,305	4,290	2,351	3,648
	Contingencies ...	4,706	5,628	4,743	4,336	4,121	4,400
	Headmen's fees ...	7,635	33	...	...	...	...
	Fees to patwaries ...	161	...	...	...	...	...
	Fees to contractors of long-term leases.	828	2,626	2,862	2,770	2,542	2,725
4	Total establishment under Deputy Collectors.	71,718	77,360	76,101	69,809	65,969	70,626
	(ii) Under Engineers.						
	Permanent and temporary establishments, including travelling allowance.	47,323	49,206	47,811	47,582	49,767	48,387
	Contingencies ...	3,369	4,840	3,975	7,567	5,692	5,745
	Headmen's fees ...	21,660	21,539	22,179	23,715	24,403	23,432
	Water-regulation establishment.	2,264	2,415	2,316	2,316	2,313	2,315
5	Total establishment under Engineers.	74,616	78,000	76,281	81,180	82,175	79,879
6	Total revenue management...	1,46,334	1,55,360	1,52,382	1,50,989	1,48,144	1,50,505
7	Navigation establishment ...	14,314	15,782	15,334	15,144	14,801	15,093
8	Total establishment charges	3,78,660	3,73,711	3,66,558	3,81,455	3,68,770	3,72,261
9	Collection of water-rates and other revenue by establishment under revenue management.	7,56,857	10,10,773	9,71,252	10,39,664	10,69,300	10,26,739
10	Percentage of (6) on (9) ...	19.4	15.4	15.7	14.5	13.8	14.7
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
11	Rate of total establishment (8) per acre irrigated.	1 1 0	0 12 9	0 12 11	0 14 11	0 10 7	0 12 6

The reduction under 3 (i) is due to the substitution of one Deputy Collector and two Sub-Deputy Collectors for the two Deputy Collectors and one Sub-Deputy Collector previously employed. There was also a reduction in temporary establishment.

67.

TABLE XVII.—NAVIGATION.

	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
Number of miles open ... No.	218½	218½	218½	218½	218½	218½
Toll collections ... Rs.	50,422	71,513	85,526	36,247	23,571	48,448
Rate of toll per mile ... „	231	327	391	166	108	222
Tollage on boats per ton per mile ... Pies.	1·71	2·99	2·06	2·62	1·99	2·22
Number of boats plying cargo and passengers, including empties ... No.	6,208	8,727	11,775	4,603	3,554	6,644
Tonnage of cargo and passenger boats, including empties ... Tons.	87,522	1,33,216	1,73,670	60,972	50,942	95,195
Estimated value of cargo, including rafts ... Rs.	53,48,246	66,24,595	72,42,941	27,74,706	20,75,157	40,30,935

There has been a considerable falling off in the receipts from navigation owing to the opening and competition of the Mogul-Serai-Gaya Railway.

The Steamer service on the Sone Canals continued to be worked by Messrs. Radford and Company.

The following Table shows the extent of the steamer-traffic worked by them for the years 1901-1902 and 1898-1899:—

TABLE XVII(a).—STEAMER SERVICE.

PARTICULARS.	Patna Canal.	Arrah Canal.	Buxar Canal.	Total.
1	2	3	4	5
1901-1902.				
Passengers carried ... { Up ... No.	3,440	6,751	.....	10,191
{ Down ... „	3,587	8,152	.....	11,739
Cargo carried ... { Up ... Tons.	985	1,155	.....	2,140
{ Down ... „	966	820	.....	1,786
1898-99.				
Passengers carried ... { Up ... No.	4,165½	11,863½	6,133	22,162
{ Down ... „	4,017	13,435½	6,315	23,767½
Cargo carried ... { Up ... Tons.	1,129	887	520	2,536
{ Down ... „	1,249	829	889	2,967

The falling off in the passenger traffic was considerable, so much so that on the Buxar Canal the Company had to discontinue the service from January 1901.

On a representation of the Company that the returns from the Patna and Arrah Canals were not sufficiently remunerative, a concession in the matter of tollage was made to them.

68. The receipts and expenditure of the last three years are given below:—

TABLE XVII(b).—MILLS.

	1899-1900.	1900-1901.	1901-1902.
	Rs.	Rs.	Rs.
Receipts...	85	755	1,398
Expenditure	175	144	168

69. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Sales of water	648	1,123	1,042	897	1,586	1,175
Water-supply of towns	.....	.....	.....	.....	.....	.....
Plantations	2,025	2,517	2,195	1,812	1,790	1,933
Other Canal produce	2,016	1,105	1,511	845	968	1,108
Water-power	1,291	1,131	86	755	1,398	746
Rents of buildings	8,419	8,819	8,296	8,025	8,209	8,177
Fines	231	172	.....	20	Nil	7
Miscellaneous						
Rents of lands	11,688	18,047	22,822	25,639	25,379	24,613
Fisheries	611	433	503	509	245	419
Cost of process	2,284	1,003	295	273	222	263
Sale of old materials	53	163	29	1	Nil	10
Other items	3,516	3,470	1,249	1,230	6,501	2,993
Total	32,782	37,983	38,027	40,006	46,296	41,444

A lease for a term of three years at Rs. 1,200 per annum having been granted for the Nasriganj turbine in 1900-1901, the receipts under water-power have increased during the last two years. There has also been a satisfactory increase in the rents obtained from canal lands.

70. TABLE XIX.—PLANTATIONS.

DIVISION.	1899-1900.				1900-1901.				1901-1902.			
	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Eastern Sone	99,706	23,240	36,385	159,340	102,940	23,110	34,323	160,382	105,810	17,600	31,568	154,978
Arrah	62,853	15,300	21,208	99,421	62,146	12,403	20,539	95,088	61,009	12,289	42,939	116,237
Dehri Workshops Subdivision	42,822	13,383	6,552	62,757	44,541	11,139	4,489	60,169	43,954	10,882	3,519	58,355
Buxar	28,246	9,376	11,780	49,402	29,067	9,025	14,283	52,375	29,503	9,073	15,666	54,242
Total	233,627	61,338	75,985	370,920	238,703	55,677	73,634	368,014	240,276	40,844	93,603	383,812

DIVISION.	1899-1900.				1900-1901.				1901-1902.			
	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.
	14	15	16	17	18	19	20	21	22	23	24	25
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Eastern Sone	813	1,011	...	198	741	1,025	...	284	809	530	279	...
Arrah	573	782	...	209	288	584	...	296	432	681	...	249
Dehri Workshops Subdivision	617	2,050	...	1,433	657	1,465	...	808	377	1,204	...	827
Buxar	192	1,047	...	855	125	1,193	...	1,063	172	1,323	...	1,151
Total	2,195	4,890	...	2,695	1,811	4,267	...	2,456	1,790	3,738	279	2,227

71 TABLE XX.—MAXIMUM FLOODS OF THE YEAR.

NAME OF RIVER.	Locality.	1899-1900.		1900-1901.	
		Date.	Reading.	Date.	Reading.
1	2	3	4	5	6
			R. L.		R. L.
Sone	Dehri	8th July 1899	335.90	27th September 1900	333.30
	{ Above weir	8th ditto	332.30	27th ditto	338.30
	{ Below " "	8th ditto	336.25	27th ditto	340.50
	Barun	8th ditto	333.20	27th ditto	338.40
Ganges	Buxar	26th July 1899	197.47	7th September 1900	198.97
	Digha	28th ditto	166.63	8th ditto	166.53

The R. L. of the crest of the Sone weir is 334.00 and the floors of the under sluices and head-sluices 326.00.

The floods of the year 1899-1900 were very low, owing to the scant rainfall in the Sone basin: They were on a par with those of 1880, though not so low as those of 1883. The Superintending Engineer writes:—

“The floods in the Sone in 1900-1901 were more continuous and of longer duration than in the preceding three or four years. The first flood occurred on the 15th June.* * * The next high flood was not until the 14th July.* *

“In 1901-1902 the advent of the first of the Sone floods occurred rather late. It was not until the 12th July that 30 of the under-sluice shutters fell. * * This flood lasted but 6 days. The succeeding floods occurred on the 25th July, 16th and 24th August, the latter continuing up to 13th September, the maximum level, R. L. 341.40, on the Dehri gauge being reached on the 4th September. This is the highest recorded flood since 7th July 1876, when the Dehri gauge registered 342.10. * * * The only damage done to the Head-works by this extraordinary high flood was a small pooling below the centre sluices of the weir, and the packing in front being displaced and thrown on the apron. In its course lower down the flood breached the Koelwar Distributary, and the Arrah Canal in the 56th and 57th miles on the left bank of the river. On the right bank the Patna Canal, 41st mile, was cut by villagers to drain off impounded water, and the Manair Distributary breached between 20th mile and end on the right bank. The level reached by the flood at Lock XI of the Arrah Canal, viz., R. L. 192.60, was 1.16 feet higher than the previously recorded maximum, which occurred in 1888. The River Gauges at Buxar rose higher in this year than in the two preceeding years, but at this station did not exceed the maximum. At Digha, however, the flood of 5th September reached R. L. 169.83, which is the highest ever observed, the former maximum being R. L. 169.58 on 14th August 1879.”

72 TABLE XXI.—MAINTENANCE AND REPAIRS.

HEADS.	AVERAGE OF TRIEN- NIAL PERIOD, ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Extensions and improvements	12,940	15,208	12,646	21,318	20,444	18,136
Repairs.						
Head-works	25,997	27,257	19,405	24,112	22,604	22,040
Main and branch canals	1,37,720	82,144	83,084	90,350	77,372	85,602
Distributaries	39,120	37,789	39,207	38,630	37,946	38,594
Drainage and protective works	3,225	2,446	1,335	496	2,360	1,397
Transport service	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Total	2,19,002	1,64,844	1,61,677	1,74,906	1,60,726	1,65,769

The expenditure under "Extensions and Improvements" was principally incurred in constructing regulators in distributaries; also a large number of permanent outlets, and several bridges, syphons and culverts connected with village channels.

The great reduction shown during the triennial periods ending March 1899 and 1902 over the triennial period ending March 1896 is due to the introduction of the flushing system.

TABLE XXII.—MAINTENANCE AND REPAIRS—CANALS AND DISTRIBUTARIES.

CANALS, BRANCH CANALS AND DISTRIBUTARIES.	EXPENDITURE.					COST PER MILE.				
	Average of triennial period ending March 1899.	Period under Review.			Average of triennial period, ending March 1902.	Average of triennial period, ending March 1899.	Period under Review.			Average of triennial period, ending March 1902.
		1899-1900.	1900-1901.	1901-1902.			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Eastern Main Canal ...	4,093	3,870	4,298	3,815	3,994	527	506	505	526	532
Western ditto ...	42,146*	31,582*	34,013*	33,072*	33,089*	705†	577†	520†	547†	548†
Patna ditto ...	15,284	18,082	22,044	19,193	19,773	193	229	279	243	250
Arrah ditto ...	19,102	24,945	25,155	20,041	23,380	286	375	378	303	353
Buxar ditto ...	10,241	11,043	11,983	6,121	9,716	226	244	264	135	214
Dumraon Branch Canal ...	5,542	5,861	5,706	5,609	5,745	138	146	142	141	143
Beheea ditto ...	4,261	5,775	3,879	3,838	4,497	137	186	125	124	145
Chousa ditto ...	5,019	3,886	3,579	3,700	3,745	127	99	91	95	96
Gurra Chowbey ditto ...	3,785	3,436	3,809	3,871	3,705	99	90	100	102	97
Eastern Sone Distribu- taries.	9,151	8,009	9,031	10,058	9,033	26	24	27	30	27
Arrah Canal Distributaries	15,919	16,343	15,885	15,316	15,846	35	35	34	33	34
Buxar „ ditto ...	12,719	14,855	13,709	12,576	13,713	31	36	34	30	33

* Inclusive of cost of maintenance and repairs of head-works in the Dehri Workshops, Sub-Division.
† Exclusive of ditto ditto ditto ditto

TABLE XXIII.—SILT-CLEARANCE AND DREDGING.

LOCALITY.	SILT-CLEARANCE BY HAND.									
	Average of triennial period ending March 1899.		Period under review.						Average of triennial period ending March 1902.	
			1899-1900		1900-1901		1901-1902.			
			Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
	1	2	3	4	5	6	7	8	9	10	11
	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.
Eastern Main and Patna Canals	584,077	1,538	Nil	Nil	937,128	2,276	Nil	Nil	312,376	759
Western Main Canal	271,961	1,005	71,186	205	537,577	1,318	70,533	124	226,432	549
Arrah Canal	587,938	1,254	365,743	706	557,647	1,118	200,739	369	374,709	731
Buxar Canal	463,690	1,115	375,267	704	787,313	1,971	131,706	373	431,429	1,016
Total	1,907,666	4,912	812,196	1,615	2,819,665	6,683	402,978	866	1,344,946	3,055
	DREDGING.									
Eastern Main and Patna Canals	605,281	3,042	397,449	2,368	312,674	1,600	374,902	2,340	361,678	2,119
Western Main Canals	604,591	1,817	828,605	3,361	213,043	1,037	102,996	305	381,548	1,568
River Sone	1,890,145	2,945	1,607,598	2,626	483,347	1,231	219,611	518	770,185	1,459
Arrah Canal	494,467	2,506	562,704	4,275	706,034	4,521	310,642	1,504	526,460	3,433
Buxar Canal	123,211	375	229,950	812	79,424	502	88,162	673	132,512	653
Repairs to dredging plant ... Rs.	...	2,865	...	4,723	...	3,668	...	3,772	...	4,034
Total	3,717,695	13,550	3,626,306	18,165	1,794,522	12,559	1,096,313	9,112	2,172,383	13,278

The Superintending Engineer writes—

“The increases in the quantities cleared by hand in 1900-1901 were due to the silt removed during the closures of the Eastern Main series, portion of the Western Main Canal; below regulator in 6th mile and the Buxar Canal. Silt was excavated in the Eastern Main at the head-lock channel which silts very heavily, also at the bifurcation of the Patna Canal; in the Patna Canal above and below the locks; in the Western Main Canal in miles 13th to 15th below the off-take of the Buxar Canal, in the Buxar Canal above and below locks and Nokha Dock; in the distributaries of the Arrah and Buxar Divisions, where found necessary. These hand clearances, however, caused a reduction in the quantities dredged in these canals. Dredging, however, is necessary at bifurcation of canals and lock channels, which silt up in the flood season, to keep them open for navigation. In the 53rd and 54th miles of the Arrah Canal, where the high banks have a tendency to slip in, dredging had to be resorted to by working the English dredgers with shoots on to the bank, in the first 2 years of the period under review. As the level of the river Sone was able to be maintained at a sufficient height for the very small amount of traffic that now crosses it, less dredging has annually been necessary.”

The Capital cost of the dredging plant now on the Sone canals is given below :—

TABLE XXIII (a)—DREDGERS.

	Two Eng- lish dred- gers.	Two old Bruce's dredgers.	Nine Four- acre's dredgers.	Two new Bruce's dredgers.*	Mud-punts.	Total.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Capital cost to end of 1900-1901.	1,21,205	33,027	80,176	547	2,70,863	5,05,818
Ditto during 1901-1902.	Nil	Nil	Nil	Nil	Nil	Nil
Total ...	1,21,205	33,027	80,176	547	2,70,863	5,05,818

* These two dredgers have been transferred to the South-Western Circle.

With the exception of two English dredgers and one Bruce's dredger all the plant is necessary. The expenditure on repairs to dredgers is shown below :—

Dredgers.	Average for the triennial period ending 1898-1899.	1899-1900.	1900-1901.	1901-1902.	Average for the triennial period ending 1901-1902.
1	2	3	4	5	6
	Rs.	Rs.	Rs.	Rs.	Rs.
9 Fouracre's dredgers	1,917	3,782	353	2,319	2,150
2 Bruce's dredgers ...	115	109	13	...	43
2 English ditto ...	173	538	2,475	...	1,003
53 Mud punts ...	660	294	827	1,453	858
1 Hopper barge ...	...	...	...	...	...
Total ...	2,865	4,723	3,668	3,772	4,054

The gross cost of dredging work done on the Sone canals, exclusive of hand clearances, is given below. The figures do not include provision for depreciation of the plant :—

Period.	Gross quantity dredged in all divisions.	Cost of "lifting" and "dredging."	Repairs to dredging plant.	Total cash expenditure.	Interest on capital cost of plant.	Grand Total.
1	2	3	4	5	6	7
	Cubic Ft.	Rs.	Rs.	Rs.	Rs.	Rs.
Year 1899-1900	3,626,306	13,442	4,723	18,165	20,232	38,397
Year 1900-1901	1,794,522	8,891	3,668	12,559	20,232	32,791
Year 1901-1902	1,096,313	5,340	3,772	9,112	20,232	29,344
Average of three years ending 31st March 1902.	3,172,380	9,224	4,054	13,278	20,232	33,510
Average of three years ending 31st March 1899.	3,717,694	10,684	2,865	13,549	21,842	35,391
Average of three years ending 31st March 1896.	8,832,911	39,958	10,181	50,140	22,469	72,609

74. The following figures give the cost of weed-clearing for the last three triennial periods :—

TABLE XXIII (b)—WEED-CLEARING.

Division.	Average of three years ending 1895-96.	Average of three years ending 1898-99.	1899-1900.	1900-1901.	1901-1902.	Average of three years ending 1901-1902.
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Eastern Sone ...	196	1	...	...	...	...
Arrah ...	792	63	14	36	6	19
Dehri Workshop	1,892	468	82	26	12	40
Buxar ...	479	342	...	29	...	10
Total ...	3,359	874	96	91	18	69

The reduction in the cost of weed clearing is thus explained by Superintending Engineer :—

"The expenditure incurred was only for clearing silt where the discharge observations are taken in the Main Western and Arrah Canals. The system of running larger discharges than what are actually necessary during the cold season and increasing the surface slope, and also taking advantage of any small flood that may occur in the river in January or February to let in a good supply of muddy water, has been most effective in keeping down the weeds."

MINOR WORKS AND NAVIGATION.
CALCUTTA AND EASTERN CANALS.

75.

1.—CAPITAL ACCOUNT.

HEADS OF ACCOUNT.	Outlay to end of March 1899.	OUTLAY DURING—			Outlay to end of March 1902.
		1899-1900.	1900-1901.	1901-1902.	
1,	2	3	4	5	6
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.
Works ..	54,41,121	20,751	1,33,641	1,22,696	57,18,209
Establishment ...	5,84,985	4,254	30,747	24,412	6,44,398
Tools and plant ...	3,89,949	205	(—) 65	—925	3,89,164
Suspense ...	6,576	(—) 1,707	2,447	—1,417	5,899
Profit and loss ...	847	...	...	...	847
Loss by exchange ...	.....	...	...	...	.....
Total ...	64,23,478*	23,503	1,66,770	1,44,766	67,58,517
Less—Receipts on capital account ...	54,467	...	...	...	54,467
Total direct charges ...	63,69,011	23,503	1,66,770	1,44,766	67,04,050
Indirect charges ...	92,241	595	4,305	3,418	1,00,559
Total outlay, direct and indirect ...	64,61,252	24,098	1,71,075	1,48,184	68,04,609

The expenditure incurred during the year 1899-1900 was mainly for completing the works in connection with the canalization of the Bhangore khal. The outlay on the project up to the end of 1899-1900 amounted to Rs. 8,76,857 for works only. In order to provide a shorter and easier route for steamers during the rainy season, certain improvements of the Madaripur Bhil route between the rivers Kumar and Madhumati from Khulna to Madaripur in the district of Faridpur were undertaken during the latter end of the year 1899-1900. The expenditure during the years 1900-1-01 and 1901-1902 was solely incurred on the improvement of the Madaripur Bhil route. Three estimates for the project have been sanctioned. The first amounting to Rs. 1,90,602 was for a channel about 22 miles in length to connect the Kumar and Madhumati rivers. This has shortened the distance between Khulna and Madaripur by 89 miles. The second is for widening the route. It amounts to Rs. 1,01,491. The third amounting to Rs. 2,25,000 is for deepening the route by two feet throughout. The works in connection with the second and third estimates, which were sanctioned in the latter part of the year 1901-1902 for the purpose of allowing steamers and flats drawing 6 feet of water to use the route during the jute season only between August and September, are in progress. The question of still further improving the channel so as to make it navigable throughout the year is under consideration.

76.

2.—LENGTHS OF CHANNELS.

DESCRIPTION OF CHANNEL.	LENGTH OF CHANNEL IN MILES.				Total at end of March 1902.
	At end of March 1899.	Increase or decrease during—			
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
Navigable canals (and river channels).	Miles. 737	...	Miles. — 2	...	Miles. 735

The canals being navigable, there are no branch canals, distributaries, village channels, outlets and drainage channels.

The decrease of two miles in length is due to straightening the Bhil route between Tetulia and Julirpar.

77. TABLE III.—FINANCIAL RESULTS.

No. of item.	PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902	
1	2	3	4	5	6	7	8
	RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Water-rates ...	...	...	...	...	...	...
2	Navigation ...	4,24,246	4,06,358	4,44,180	4,09,294	3,72,804	4,08,759
3	Miscellaneous ...	16,682	19,038	15,022	16,146	12,681	14,616
	Total ...	4,39,928	4,25,396	4,59,202	4,25,440	3,85,485	4,23,375
	Less—Refunds of revenue ..	332	255	607	24	100	243
4	Total Receipts ...	4,39,596	4,25,141	4,58,595	4,25,416	3,85,385	4,23,132
	WORKING EXPENSES.						
	DIRECT CHARGES.						
	I.—Works.						
5	Extensions and improvements	5,019	17,737	2,954	761	2,904	2,206
6	Maintenance and repairs ...	1,66,099	1,38,443	1,26,345	1,57,458	1,37,914	1,40,572
7	Establishment (Direction and Accounts and Executive).	49,421	10,190	58,726	37,647	39,222	45,199
8	Tools and plant ...	16,340	25,049	26,219	15,637	33,861	25,239
	Total ...	2,36,879	1,91,419	2,14,244	2,11,503	2,13,901	2,13,216
	II.—Revenue Management.						
9	Irrigation establishment ...	...	...	...	...	...	...
10	Navigation ditto ...	39,954	39,270	41,102	42,245	40,050	41,132
	Total ...	39,954	39,270	41,102	42,245	40,050	41,132
11	Total Direct Charges ...	2,76,833	2,30,689	2,55,346	2,53,748	2,53,951	2,54,348
	INDIRECT CHARGES.						
12	Capitalised abatement of land revenue.	...	...	...	...	...	...
13	Leave and pension allowances	12,512	6,925	13,976	11,185	11,098	12,087
	Total ...	12,512	6,925	13,976	11,185	11,098	12,087
14	Total working expenses (direct and indirect).	2,89,345	2,37,614	2,69,322	2,64,933	2,65,049	2,66,435
15	Net revenue ...	1,50,251	1,87,527	1,89,273	1,60,483	1,20,336	1,56,697
16	Capital outlay (direct and indirect).	54,00,774	62,70,515	64,85,350	66,56,425	68,04,209	66,48,795
17	Percentage of net revenue on capital outlay.	2.78	2.99	2.92	2.41	1.77	2.35

Items 18, 19, 20 and 21 have been omitted, as the canals are for navigation only.

There was a gradual decrease in the navigation receipts during the two years 1900-1901 and 1901-1902. This was partly due to the fact that the rice crop in the Eastern Districts was below the average. The working expenses during the triennial period were practically normal. Owing to the decrease in the receipts the net revenue during the year 1901-1902 was Rs. 40,000 less than that of the previous year.

78. TABLE XVII.—NAVIGATION.

	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
Number of miles open Miles	721	737	737	735	735	735½
Toll collections ... Rs.	4,19,731	4,01,297	4,39,860	4,04,419	3,68,709	4,04,329
Rate of toll per mile ... „	582	544	597	550	502	549
Tollage on boats per Ries ton per mile.	8·2	8·9	8·9	8·83	9·28	8·99
Number of boats plying No. cargo and passengers, including empties.	141,541	123,584	136,453	121,697	116,874	1,25,008
Tonnage of cargo and Tons passenger boats, including empties.	1,494,420	926,905	1,114,464	1,020,237	920,617	10,18,439
Estimated value of Rs. cargo, including rafts.	5,87,92,559	5,49,36,345	5,63,00,351	5,79,70,939	5,12,10,007	5,51,60,432

79. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Sales of water ...	.....	.....	1,521	1,626	1,411	1,519
Plantations ...	7	.....	93	96	39	76
Other canal produce ...	866	439	147	201	150	166
Rents of buildings ...	2,691	1,673	1,661	1,623	1,667	1,650
Miscellaneous—						
Rents of lands ...	841	1,240	2,329	2,278	2,735	2,447
Other items ...	11,277	15,686	9,271	10,322	6,679	8,758
Total ...	15,682	19,038	15,022	16,146	12,681	14,616

80.

TABLE XIX.—PLANTATIONS.

DIVISION.	1899-1900.				1900-1901.				1901-1902.				1899-1900.				1900-1901.				1901-1902.			
	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Calcutta and Eastern Canals.	No. 4,054	No. 679	No. 915	No. 5,662	No. 4,170	No. 677	No. 914	No. 5,761	No. 4,246	No. 754	No. 718	No. 5,718	Rs. 93	Rs. 744	...	Rs. 651	Rs. 96	Rs. 766	...	Rs. 670	Rs. 39	Rs. 599	...	Rs. 5

81.

TABLE XX.—MAXIMUM FLOOD OF THE YEAR.

NAME OF RIVER.	Locality.	1899-1900.		1900-1901.		1901-1902.		Highest recorded flood.	
		Date.	Reading. Mean Sea Level.	Date.	Reading. Mean Sea Level.	Date.	Reading. Mean Sea Level.	Date.	Reading. Mean Sea Level.
1	2	3	4	5	6	7	8	9	10
Hooghly ...	Chitpore ...	24-7-99	Feet. 17.32	25-9-1900	Feet. 17.40	13-9-1901	Feet. 15.98	31-8-1890	Feet. 18.40
Salt water or Lake Channel.	Dhappa ...	23-8-99	8.83	22-9-1900	9.65	30-9-1901	8.70	22-9-1900	9.65
Echamutty ...	Tetulia River gauge	11-8-99	9.25	24-9-1900	13.25	13-9-1901	8.75	19-9-85	16.43
Ditto ...	Do. Bheel gauge	2-8-99	7.75	23-9-1900	11.25	9-9-1901	8.00	8-9-89	14.15

There were no high floods in the rivers during the triennial period under review. Owing to the unprecedented rainfall of September 1900 there were floods in the Lake Channel at Dhappa. The reading recorded was 9.65, the highest on record.

82. TABLE XXII.—MAINTENANCE AND REPAIRS—CANALS AND DISTRIBUTARIES.

CANALS, BRANCH CANALS, AND DISTRIBUTARIES.	EXPENDITURE.					COST PER MILE.				
	Average of triennial period ending March 1899.	Period under review.			Average of triennial period ending March 1902.	Average of triennial period ending March 1899.	Period under review.			Average of triennial period ending March 1902.
		1899-1900.	1900-1901.	1901-1902.			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8	9	10	11
Circular and New Cut Canals, 10 miles.	Rs. 61,357	Rs. 66,808	Rs. 65,590	Rs. 70,968	Rs. 64,444	Rs. 6,134	Rs. 6,681	Rs. 6,559	Rs. 7,097	Rs. 6,779
Tolly's Nala and Kaorapukur Khal 37 miles.	15,236	3,981	33,801	9,862	15,881	411	108	913	267	429
Eastern Canals, 316 miles ...	55,938	43,387	47,433	45,394	45,404	177	137	151	144	144
Madaripur Bhil route, 24 miles* ...	683	1,200	8,540	7,743	5,827	28	50	388	352	265
Steamer route, 350 miles ...	5,228	10,969	2,094	3,947	5,570	15	31	6	11	16

* Twenty-two miles from the year 1900-1901.

The bulk of the expenditure on maintenance and repairs was incurred in the Circular and new cut canals and Eastern Canals, the most important item being dredging. Other items, of repairs such as tow-path, rustic bridges, locks, sluices, channels, banks and buildings, were of an ordinary nature. In 1900-1901 a sum of Rs. 19,000 was expended on the re-building of the east abutment of the Tollygunge bridge over Tolly's Nala.

83. TABLE XXIII.—SILT-CLEARANCE AND DREDGING.

LOCALITY.	SILT-CLEARANCE BY HAND.									
	Average of triennial period ending March 1899.		Period under review.						Average of triennial period ending March 1902.	
			1899-1900.		1900-1901.		1901-1902.			
	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
1	2	3	4	5	6	7	8	9	10	11
Calcutta and Eastern Canals. Detail of quantity not recorded, being less than Rs. 5,000.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.
	3,973,358	29,807	.....	...	1,110,970	5,498	.....	...	370,323	1,832
	.....	2,991	.....	1,012	.....	...	.....	4,981	.....	1,998
Total	3,973,358	32,798	.....	1,012	1,110,970	5,498	.....	4,981	370,323	3,830
DREDGING.										
Calcutta and Eastern Canals. Repairs to dredging plant.	2,863,867	24,443	3,307,920	28,449	3,247,380	27,020	3,090,358	27,034	3,215,219	27,501
	.....	16,003	.....	15,372	.....	10,627	.....	19,802	.....	15,267
Total	2,863,867	40,446	3,307,920	43,821	3,247,380	37,647	3,090,358	46,836	3,215,219	42,768

Owing to the canalization of the Bhangore khal the expenditure on silt clearance by hand has been greatly reduced.

The expenditure on silt clearance by dredging during the triennial period under review was normal. Constant dredging was necessary in the Circular Canal at Chitpur and in the Lake Channel below Dhappa to keep them open for traffic.

The expenditure on dredging shows a tendency to increase. This is due to the deterioration of the channel below the Dhappa lock which necessitate periodical dredging in order to keep it clear for boat traffic.

ORISSA COAST CANAL.

84. TABLE I.—CAPITAL ACCOUNT.

HEAD OF ACCOUNT.	Outlay to end of March 1899.	OUTLAY DURING—			Outlay to end of March 1902.
		1899-1900.	1900-1901.	1901-1902	
1	2	3	4	5	6
	Rs.	Rs.			Rs.
DIRECT CHARGES.					
Works ...	33,86,520	Nil	Nil	Nil	33,86,520
Establishment ...	7,56,546	Nil	Nil	Nil	7,56,546
Tools and Plant ...	2,32,991	Nil	Nil	Nil	2,32,991
Suspense ...	53,032	(—)53,032	Nil	Nil	Nil
Loss by exchange ...	Nil	Nil	Nil	Nil	Nil
Total ...	44,29,089	(—)53,032	Nil	Nil	43,76,057
Less—Receipts on Capital Account.	3,293	Nil	Nil	Nil	3,293
Total Direct Charges	44,25,796	(—)53,032	Nil	Nil	43,72,764
Indirect charges ...	1,06,616	Nil	Nil	Nil	1,06,616
Total Outlay, Direct and Indirect.	45,32,412	(—)53,032	Nil	Nil	44,79,380

The construction estimate of the canal was closed in 1894. In the year 1899-1900 Rs. (—)53,032 were charged to Capital in consequence of an adjustment from Suspense Accounts. There was no expenditure during the years 1900-1901 and 1901-1902 chargeable to the Capital Account.

85. TABLE II.—LENGTHS OF CHANNELS.

DESCRIPTION OF CHANNEL.	LENGTH OF CHANNEL IN MILES.				
	At end of March 1899.	Increase or decrease during—			At end of March 1902.
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
Navigable canal ...	102 $\frac{1}{4}$	...	...	27 $\frac{1}{4}$	129 $\frac{3}{4}$

There are no branch canals, distributaries, village channels, outlets and drainage channels.

The increase of 27 $\frac{1}{4}$ miles in the length of the canal shown in the year 1901-1902 is due to the inclusion of four miles of the Russulpur river, 6 $\frac{3}{4}$ miles of the canalised Sarpai river, and 16 $\frac{3}{4}$ miles of the Baliaghai drain, which were left out in the previous years.

86.

TABLE III.—FINANCIAL RESULTS.

Item Number.	PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8
	RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Water-rates ...	.....	.....	.....	.....	.....	.....
2	Navigation ...	81,700	80,368	46,098	48,683	44,296	46,359
3	Miscellaneous ...	2,331	2,305	2,179	2,391	3,351	2,640
	Total ...	84,031	82,673	48,277	51,074	47,647	48,999
	Less—Refunds of revenue...	419	11,111	197	113	1	103
4	Total Receipts ...	83,612	81,562	48,080	50,961	47,646	48,896
	WORKING EXPENSES.						
	DIRECT CHARGES.						
	I.—Works.						
5	Extensions and improvements...	280	5,446	—19,599	...	.....	— 6,533
6	Maintenance and repairs ...	50,279	39,905	72,636	31,651	30,546	44,944
7	Establishment (Direction and Accounts and Executive).	18,873	16,874	20,257	12,624	12,269	15,017
8	Tools and Plant ...	5,105	4,411	4,930	4,080	3,883	4,298
	Total ...	74,537	66,636	78,224	48,255	46,698	67,726
	II.—Revenue management.						
9	Irrigation establishment ...	...	...	...	...	...	...
10	Navigation ditto ...	6,955	7,053	6,864	6,673	6,296	6,611
	Total ...	6,955	7,053	6,864	6,673	6,296	6,611
11	Total Direct Charges ...	81,492	73,689	85,088	54,928	52,994	64,337
	INDIRECT CHARGES.						
12	Capitalized abatement of land revenue.	.....	.....	.....	.....	.....	.....
13	Leave and pension allowances	3,616	3,350	3,797	2,688	2,599	3,028
	Total ...	3,616	3,350	3,797	2,688	2,599	3,028
14	Total working expenses (direct and indirect).	85,108	77,039	88,885	57,616	55,593	67,365
15	Net revenue ...	—1,496	4,523	—40,806	—6,655	—7,947	—18,469
16	Capital outlay (direct and indirect).	44,34,986	45,16,059	44,79,380	44,79,380	44,79,380	44,79,380
17	Percentage of net revenue on capital outlay.	—0·03	+0·10	—0·91	—0·15	—0·18	— 0·41
18	Area irrigated Acres ...	.....	.....	.....	.....	.....	.....
19	Average water-rate (item 1) per acre irrigated.	.....	.....	.....	.....	.....	.....
20	Total Irrigation establishment charges (item 7+9) per acre irrigated.	.....	.....	.....	.....	.....	.....
21	Working expenses (direct and indirect) per acre irrigated.	.....	.....	.....	.....	.....	.....

FOOT NOTE.—The canal being a navigable one, items 18, 19, 20 and 21 have been left blank.

The navigation receipts for 1901-1902 were the lowest since the Canal was opened. This great falling off is almost entirely due to the opening of the Bengal-Nagpur Railway to which most of the rice and other goods traffic which hitherto were transported by country boats have been diverted. The working expenses, however, were much reduced during the last two years, and it is hoped that in normal years they may be still further reduced.

87. TABLE XVII.—NAVIGATION.

	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	18 9-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
Number of miles open Miles	102½	102½	102½	102½	129½	111½
Toll collections ... Rs.	81,444	80,075	45,861	48,349	44,296	46,359
Rate of toll per mile ... „	794	781	447	472	341	422
Tollage on boats per ton per mile ... Pies	3 03	2 9	3 08	2 7	3 17	2 98
Number of boats plying cargo and passengers, including empties ... No.	18,201	18,461	14,636	16,572	14,392	15,200
Tonnage of cargo and passenger boats, including empties ... Tons	177,696	192,036	113,210	134,653	112,588	120,150
Estimated value of cargo, including rafts Rs.	36,32,791	41,50,980	23,67,844	31,31,175	28,67,133	27,82,051

There was considerable falling off in all items of traffic during the triennial period under review. As already explained, the main cause of the decrease may be attributed to the diversion of nearly the whole of the canal traffic to the railway, and the withdrawal by the Steamer Companies of their steamers since February 1900.

88. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Other canal produce	310	68	10	.....	4	5
Rents of buildings ...	790	799	831	805	939	858
Cost of process ...	1,231	1,438	1,338	1,586	2,408	1,777
Total ...	2,331	2,305	2,179	2,391	3,351	2,640

89.

TABLE XIX.—PLANTATIONS.

DIVISION.	1899-1900.				1900-1901.				1901-1902.				1899-1900.				1900-1901.				1900-1902.			
	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Balasore Division	No. 4,649	No. 14,154	No. 5,397	No. 24,200	No. 5,306	No. 14,013	No. 5,182	No. 24,471	No. 8,754	No. 9,945	No. 7,780	No. 26,479	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil	Nil

90.

TABLE XX.—MAXIMUM FLOODS OF THE YEAR.

NAME OF RIVER.	Locality.	1899-1900.		1900-1901.		1901-1902.		HIGHEST RECORDED FLOOD.	
		Date.	Reading.	Date.	Reading.	Date.	Reading.	Date.	Reading.
1	2	3	4	5	6	7	8	9	10
Subornarekha River	At Bhograi	24th July 1899	113.20	24th and 25th September 1900.	121.00	6th September 1901.	118.10	25th September 1900 on Bhograi sluice.	122.29
Panchpara	Panchpara	23rd August 1899	112.50	25th September 1900.	119.60	29th August 1901.	112.20	22nd September 1885.	118.00
Burrabulung	Nulcool	20th September 1899.	112.70	24th and 25th September 1900.	119.50	29th September 1901.	113.10	Ditto	118.00
Mutai	Charbatia	19th October 1899	110.00	27th September 1900.	114.20	27th to 29th September 1901.	110.20	Without date on Mr. Vertannies plan.	116.50

The floods during the year 1900-1901 were higher than those of the years 1899-1900 and 1901-1902, but they did little or no damage to the canal.

91.

TABLE XXI.—MAINTENANCE AND REPAIRS.

HEADS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
Extensions and improvements.	Rs. 280	Rs. 5,446	(-)19,599	Rs. Nil	Rs. Nil	Rs. -6,533
Repairs.						
Head works	Nil	Nil	Nil	Nil	Nil	Nil
Main Canal	49,070	38,393	70,834	29,849	29,343	43,342
Distributaries	Nil	Nil	Nil	Nil	Nil	Nil
Drainage and Protective works.	Nil	Nil	Nil	Nil	Nil	Nil
Working steamers	1,209	1,512	1,802	1,802	1,203	1,602
Total	50,559	45,351	53,037	31,651	30,546	38,411

There was considerable decrease in the cost of repairs and maintenance of the Main Canal during the years 1900-1901 and 1901-1902, compared with the year 1899-1900, and the averages of the two preceding triennial periods ending March 1896 and 1899.

92.

TABLE XXIII.—SILT-CLEARANCE AND DREDGING.

LOCALITY.	SILT-CLEARANCE BY HAND.									
	Average of triennial period ending March 1899.		Period under review.						Average of triennial period ending March 1902.	
			1899-1900.		1900-1901.		1901-1902.			
	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
1	2	3	4	5	6	7	8	9	10	11
Range III, at Bhaithgur...	C. ft. 133,333	Rs. 776	C. ft.	Rs. ...	C. ft.	Rs. ...	C. ft.	Rs. ...	C. ft.	Rs. ...
Do. at Bhograi ...	.....	...	536,188	2,583	.....	...	.....	...	178,729	861
Balliaghai Drains ...	765,315	2,471	1,800,659	5,640	1,987,698	7,626	2,022,745	6,733	1,937,034	6,666
Total ...	898,648	3,247	2,336,847	8,223	1,987,698	7,626	2,022,745	6,733	2,115,763	7,627
DREDGING.										
Orissa Coast Canal ...	669,524	6,278	851,139	6,828	423,555	3,352	355,270	3,048	543,321	4,409
Balliaghai Drain and Sur- pain ...	133,722	1,442	62,100	714	42,300	441	36,145	426	46,849	527
Repairs to dredging plant	.....	8,834*	.....	15,622*	.....	11,355*	.....	14,306	.....	13,728
Total ...	803,246	16,564	913,239	23,064	465,855	15,148	391,416	17,780	590,170	18,664

* These items of expenditure are for repairs to the dredging plant, which worked both in the Orissa Coast and Hijili tidal Canals.

The Balliaghye branch drain in Range III of the canal having silted up badly was closed for silt-clearance from Chowmuk to Balliaghye from the 15th February to the 16th June 1900. The main drain was also silt-cleared in 1901-1902.

Most of the dredging was done in Ranges III, IVB and V of the canal and in the Balliaghye drain and the Surpai cross bund.

The average cost of removing silt during the triennial period under review was higher than that of the previous period. This was due to the frequent breaking down of some of the dredgers.

SARAN CANALS.

93. TABLE I.—CAPITAL ACCOUNT.

HEAD OF ACCOUNT.	Outlay to end of March 1899.	OUTLAY DURING—			Outlay to end of March 1902.
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
DIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.
Works	4,89,752	Nil.	Nil.	Nil.	4,89,752
Establishment	1,64,170	Nil.	Nil.	Nil.	1,64,170
Tools and plant	25,952	Nil.	Nil.	Nil.	25,952
Suspense	1	Nil.	Nil.	(—)1	...
Loss by exchange ... ..	...	...	...	...	...
Total	6,79,875	Nil.	Nil.	(—)1	6,79,874
Less—Receipts on Capital Ac- count.	498	Nil.	Nil.	Nil.	498
Total direct charges	6,79,377	Nil.	Nil.	(—)1	6,79,376
Indirect charges	27,183	Nil.	Nil.	Nil.	27,183
Total outlay, direct and indirect	7,06,560	Nil.	Nil.	(—)1	7,06,559

The project was completed in March 1886, and the Capital Account closed from the year 1886-87.

94. TABLE II.—LENGTHS OF CHANNELS.

DESCRIPTION OF CHANNEL.	LENGTH OF CHANNELS IN MILES.				
	At end of March 1899.	Increase or decrease during—			At end of March 1902.
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
Main canals for (irrigation only) ... Miles	6·34	Nil.	Nil.	Nil.	6·34
Branch canals* (for irriga- tion only)	12·48	Nil.	Nil.	Nil.	12·48
Gross area under command, Acres	64,000	Nil.	Nil.	Nil.	64,000

* The Branch canals are the Daba, Gandaki, Dhanai and Gangri feeders. In addition to these feeders two Sotas, viz. Thakraha and Roopanchap, 28·50 miles in length, are maintained by Government.

There was no change in the lengths of the channels and area commanded during the triennial period under review.

95. TABLE III.—FINANCIAL RESULTS.

Item.	PARTICULARS.	Average of triennial period ending—		Period under review.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
	1	2	3	4	5	6	7
	RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Water rates ...	2,947	2,523	1,370	—17	Nil.	451
2	Navigation ...	...	...	...	...	Nil.	...
3	Miscellaneous ...	302	796	984	686	1,108	926
	Total ...	3,249	3,319	2,354	669	1,108	1,377
	Less—Refunds of revenue	1,262	490	5	Nil.	Nil.	2
4	Total Receipts ...	1,987	2,829	2,349	669	1,108	1,375
	WORKING EXPENSES.						
	DIRECT CHARGES.						
	I.—Works.						
5	Extensions and improvements	...	...	...	...	...	...
6	Maintenance and repairs ...	2,001	7,693	577	1,171	3,050	1,599
7	Establishment (Direction and Accounts and Executive).	874	1,506	234	570	3,696	1,500
8	Tools and plant ...	36	18	...	...	...	...
	Total ...	2,911	9,217	811	1,741	6,746	3,099
	II.—Revenue management.						
9	Irrigation establishment ...	...	...	...	...	...	...
10	Navigation ditto ...	...	...	...	...	...	...
	Total ...	...	...	...	...	...	...
11	Total Direct Charges ...	2,911	9,217	811	1,741	6,746	3,099
	INDIRECT CHARGES.						
12	Capitalised abatement of land revenue.	...	...	...	...	...	...
13	Leave and pension allowances	123	211	33	80	517	210
	Total ...	123	211	33	80	517	210
14	Total working expenses (direct and indirect).	3,034	9,428	844	1,821	7,263	3,309
15	Net revenue ...	—1,047	—6,599	1,506	—1,152	(—)6,155	(—)1,934
16	Capital outlay (direct and indirect).	6,96,753	7,03,299	7,06,560	7,06,560	7,06,559	7,06,560
17	Percentage of net revenue on capital outlay.	—0.15	—0.93	0.21	—0.16	—0.87	—0.27
18	Area irrigated Acres ...	523	1,877	Nil.	...*	...†	...
19	Average water-rate (item 1) per acre irrigated.	5.63	1.34	...	...	...	...
20	Total Irrigation establishment charges (items 7 + 9) per acre irrigated.	...	...	...	...	...	...
21	Working expenses (direct and indirect) per acre irrigated.	5.80	5.02	...	...	...	...

* 4,500 acres were irrigated during the *kharif* season free of charge.
† 2,398 acres were irrigated during the *rabi* season free of charge.

96.

TABLE IV.—RAINFALL.

		AVERAGES OF 11 STATIONS.				Average of 3 years ending March 1902.
		Average of fifteen years ending March 1899.	Period under review.			
			1899-1900.	1900-1901.	1901-1902.	
1		2	3	4	5	6
		Inches.	Inches.	Inches.	Inches.	Inches.
Kharif season	{ August ...	11.72	19.95	5.61	9.10	11.55
	{ September ...	8.12	7.52	8.45	5.24	7.07
	{ October ...	2.54	0.55	2.09	0.22	0.95
	Total ...	22.38	28.02	16.15	14.56	19.57
Rabi season	{ November ...	0.24	0.00	0.00	0.06	0.02
	{ December ...	0.14	0.00	0.71	0.00	0.24
	{ January ...	0.61	2.91	1.98	0.01	1.63
	{ February ...	0.43	0.19	0.58	0.07	0.28
Total ...		1.42	3.10	3.27	0.14	2.17
Whole year ...		45.75	66.66	37.85	30.20	44.90

The rainfall during the years 1900-1901 and 1901-1902 was much below the average.

97.

TABLE V.—AREAS IRRIGATED.

YEAR.	Kharif.	Rabi.	Perennial.	Total.	RAINFALL.		
					Kharif season.	Rabi season.	Year.
1	2	3	4	5	6	7	8
	Acre.	Acre.	Acre.	Acre.	Inches.	Inches.	Inches.
1893-94 ...	994	574	Nil	1,568	24.96	1.08	49.95
1894-95 ...	Nil	Nil	Nil	Nil	28.55	2.62	51.28
1895-96 ...	Nil	Nil	Nil	Nil	22.02	0.50	43.42
Triennial average ...	331	191	Nil	522	25.18	1.40	48.22
1896-97 ...	Nil	4,080	Nil	4,080	10.76	0.99	28.94
1897-98 ...	1,187	365	Nil	1,552	21.39	0.76	51.17
1898-99 ...	Nil	Nil	Nil	Nil	33.27	1.27	55.93
Triennial average ...	396	1,481	Nil	1,877	21.80	1.01	45.35
1899-1900...	Nil	Nil	Nil	Nil	28.02	3.10	66.66
1900-1901...	4,500	Nil	Nil	4,500*	16.15	3.27	37.85
1901-1902...	Nil	2,898	Nil	2,898*	14.56	0.14	30.20
Triennial average ...	1,500	966	Nil	2,466	19.58	2.17	44.90

* Areas irrigated free of charge.

The canals were closed in January 1898 and they have practically remained closed during the triennial period. They were opened for a short time only during the *kharif* and *rabi* seasons of the years 1900-1901 and 1901-1902, owing to the great demand for water caused by the scanty rainfall in the district. The water was given free of charge at the request of the Collector and under the sanction of Government.

98. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.	
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.		
1	2	3	4	5	6	7	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sales of water ...	...	...	...	...	250	84
Water-supply of towns ...	...	...	...	...	...	...
Plantations ...	12	4	52	21	83	52	
Other canal produce ...	233	686	768	537	649	651	
Water-power ...	...	...	...	...	...	...
Rents of buildings ...	...	...	...	...	...	...
Fines ...	...	...	...	...	...	...
Miscellaneous.	Rents of lands ...	57	106	37	53	73	54
	Fisheries ...			92	75	49	72
	Cost of process
	Sale of old materials
	Other items	35	...	4	13
Total ...	302	796	984	686	1,108	926	

99. TABLE XIX.—PLANTATIONS.

DIVISION.	1899-1900.				1900-1901.				1901-1902.				1899-1900.				1900-1901.				1901-1902.			
	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Gandak ...	10,325	5,791	7,310	23,326	10,204	5,792	7,332	23,328	10,320	5,676	7,337	20,333	52	60	...	8	21	60	...	30	84	60	24	...
Total ...	10,325	5,791	7,310	23,326	10,204	5,792	7,332	23,328	10,320	5,676	7,337	20,333	52	60	...	8	21	60	...	30	84	60	24	...

100. TABLE XX.—MAXIMUM FLOODS OF THE YEAR.

NAME OF RIVER.	Locality.	1899-1900.		1900-1901.		1901-11-02.		Highest recorded flood.	
		Date.	Reading.	Date.	Reading.	Date.	Reading.	Date.	Reading.
1	2	3	4	5	6	7	8	9	10
Gandak	... Siswa	29th July 1899 ...	240'50	24th July 1900	240'70	10th August 1901	239'70	14th August 1883	243'86

The floods during the triennial period under review were of ordinary character.

101. TABLE XXI.—MAINTENANCE AND REPAIRS.

HEADS.	AVERAGE OF TRIENNIAL PERIOD, ENDING—		PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Main and branch Canals	2,001	309	316	1,008	2,684	1,336
Distributaries ...	.....	5,729	91	163	365	206
Total ...	2,001	6,038	407	1,171	3,049	1,542

TABLE XXII.—MAINTENANCE AND REPAIRS—CANALS AND DISTRIBUTARIES.

CANALS, BRANCH CANALS AND DISTRIBUTARIES.	EXPENDITURE.					COST PER MILE.				
	Average of triennial period, ending March 1899.	PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.	Average of triennial period, ending March 1899.	PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.
		1899-1900.	1900-1901.	1901-1902.			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Main and branch Canals ...	909	316	1,008	2,684	1,336	28'75	49'84	26'49	61'83	46'05
Distributaries,	5,729	91	163	365	206	142'14	7'29	13'06	29'24	16'30

102. TABLE XXIII.—SILT-CLEARANCE AND DREDGING.

[illegible]

NADIA RIVERS.*

103. TABLE II.—LENGTHS OF CHANNELS.

DESCRIPTION OF CHANNEL.	LENGTH OF CHANNEL IN MILES.				Total at end of March 1902.
	At end of March 1899.	Increase or decrease during—			
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
Navigable river channels.	470½	.....	...	2½	472½

Note.—The rivers being for navigation only, other items, such as Branch canals, distributaries, etc., have been omitted from this table.

The increase of 2½ miles during the year 1901-1902 is due to changes in the courses of the rivers.
The total area protected from flood is 1,005, 120 acres.

104. TABLE III.—FINANCIAL RESULTS.

PARTICULARS.		AVERAGE OF TRIENNIAL PERIOD ENDING —		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
Item.	1	2	3	4	5	6	7
	RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Water-rates ...	.....	.....	.....	.....	.....	.....
2	Navigation ...	1,44,189	90,408	1,10,002	1,00,802	86,285	99,030
3	Miscellaneous ...	163	239	819	108	208	378
	Total ...	1,44,352	90,647	1,10,821	1,00,910	86,493	99,408
	Less—Refunds of revenue ...	20	3	32	87	316	145
4	Total Receipts ...	1,44,332	90,644	1,10,789	1,00,823	86,177	99,263
	WORKING EXPENSES.						
	DIRECT CHARGES.						
	I.—Works						
5	Extensions and improvements ...	.....	72	.....	6,226	.....	2,775
6	Maintenance and repairs ...	71,981	56,447	50,975	58,352	61,407	56,911
7	Establishment (Direction and Accounts and Executive).	33,990	25,540	30,112	31,083	15,134	25,443
8	Tools and plant ...	1,634	1,717	1,956	1,417	1,151	1,508
8(a)	Suspense accounts ...	1,513	(—)1,536	508	1,143	3,823	1,825
	Total ...	1,09,118	82,245	83,550	98,221	81,515	87,762
	II.—Revenue management.						
9	Irrigation establishment ...	.....	.....	.....	.....	.....	.....
10	Navigation ditto ...	26,956	23,871	22,527	22,944	23,007	22,826
	Total ...	26,956	23,871	22,527	22,944	23,007	22,826
11	Total Direct Charges ...	1,36,074	1,06,116	1,06,077	1,21,165	1,04,522	1,10,588

* There being no capital expenditure on these rivers table I has been omitted.

96. TABLE IV.—RAINFALL.

		AVERAGES OF 11 STATIONS.				Average of 3 years ending March 1902.
		Average of fifteen years ending March 1899.	Period under review.			
			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	
Kharif season {	Inches.	Inches.	Inches.	Inches.	Inches.	
	August ...	11.72	19.95	5.61	9.10	11.55
	September ...	8.12	7.52	8.45	5.24	7.07
	October ...	2.54	0.55	2.09	0.22	0.95
	Total ...	22.38	28.02	16.15	14.56	19.57
Rabi season {	Inches.	Inches.	Inches.	Inches.	Inches.	
	November ...	0.24	0.00	0.00	0.06	0.02
	December ...	0.14	0.00	0.71	0.00	0.24
	January ...	0.61	2.91	1.98	0.01	1.63
	February ...	0.43	0.19	0.58	0.07	0.28
Total ...	1.42	3.10	3.27	0.14	2.17	
Whole year ...	45.75	66.66	37.85	30.20	44.90	

The rainfall during the years 1900-1901 and 1901-1902 was much below the average.

97. TABLE V.—AREAS IRRIGATED.

YEAR.	Kharif.	Rabi.	Peren-nial.	Total.	RAINFALL.		
					Kharif season.	Rabi season.	Year.
1	2	3	4	5	6	7	8
	Acre.	Acre.	Acre.	Acre.	Inches.	Inches.	Inches.
1893-94 ...	994	574	Nil	1,568	24.96	1.08	49.95
1894-95 ...	Nil	Nil	Nil	Nil	28.53	2.62	51.28
1895-96 ...	Nil	Nil	Nil	Nil	22.02	0.50	48.42
Triennial average ...	331	191	Nil	522	25.18	1.40	48.22
1896-97 ...	Nil	4,080	Nil	4,080	10.76	0.99	28.94
1897-98 ...	1,187	365	Nil	1,552	21.39	0.76	51.17
1898-99 ...	Nil	Nil	Nil	Nil	33.27	1.27	55.93
Triennial average ...	396	1,481	Nil	1,877	21.80	1.01	45.35
1899-1900...	Nil	Nil	Nil	Nil	28.02	3.10	66.66
1900-1901...	4,500	Nil	Nil	4,500*	16.15	3.27	37.85
1901-1902...	Nil	2,898	Nil	2,898*	14.56	0.14	30.20
Triennial average ...	1,500	966	Nil	2,466	19.58	2.17	44.90

* Areas irrigated free of charge.

The canals were closed in January 1898 and they have practically remained closed during the triennial period. They were opened for a short time only during the *kharif* and *rabi* seasons of the years 1900-1901 and 1901-1902, owing to the great demand for water caused by the scanty rainfall in the district. The water was given free of charge at the request of the Collector and under the sanction of Government.

98. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.		AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1		2	3	4	5	6	7
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Sales of water ...		...	...	...	...	250	84
Water-supply of towns ...		...	...	...	...	...	...
Plantations ...		12	4	52	21	83	52
Other canal produce ...		233	686	768	537	619	651
Water-power ...		...	...	...	...	...	...
Rents of buildings ...		...	...	...	...	...	...
Fines ...		...	...	...	...	...	...
Miscellaneous.	Rents of lands ...	57	106	37	53	73	54
	Fisheries ...			92	75	49	72
	Cost of process ...	...	...	...	...	...	...
	Sale of old materials ...	...	...	...	...	...	...
	Other items ...	...	...	35	...	4	13
Total ...		302	796	984	686	1,108	926

99. TABLE XIX.—PLANTATIONS.

DIVISION.	1889-1900.				1900-1901.				1901-1902.				1899-1900.				1900-1901.				1901-1902.			
	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Gandak ...	No. 10,225	No. 5,791	No. 7,310	No. 23,326	No. 10,204	No. 5,792	No. 7,332	No. 23,328	No. 10,320	No. 5,676	No. 7,337	No. 20,333	Rs. 52	Rs. 60	Rs. ...	Rs. 8	Rs. 21	Rs. 60	Rs. ...	Rs. 39	Rs. 84	Rs. 60	Rs. 24	Rs. ...
Total ...	10,225	5,791	7,310	23,326	10,204	5,792	7,332	23,328	10,320	5,676	7,337	20,333	52	60	...	8	21	60	...	39	84	60	24	...

100.

NAME OF RIVER.	Locality.	1899-1900.		1900-1901.		1901-1902.		Highest recorded flood.	
		Date.	Reading.	Date.	Reading.	Date.	Reading.	Date.	Reading.
1	2	3	4	5	6	7	8	9	10
Gandak	Siswa	29th July 1899	240.50	24th July 1900	240.70	10th August 1901	239.70	14th August 1888	243.95

The floods during the triennial period under review were of ordinary character.

101.

HEADS.	AVERAGE OF TRIENNIAL PERIOD, ENDING—		PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
Main and branch Canals	Rs. 2,001	Rs. 309	Rs. 316	Rs. 1,008	Rs. 2,684	Rs. 1,336
Distributaries ...	.....	5,729	91	163	365	206
Total	2,001	6,038	407	1,171	3,049	1,542

TABLE XXII.—MAINTENANCE AND REPAIRS—CANALS AND DISTRIBUTARIES.

CANALS, BRANCH CANAL AND DISTRIBUTARIES.	EXPENDITURE.				COST PER MILE.					
	Average of triennial period, ending March 1899.	PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.	Average of triennial period, ending March 1899.	PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.
		1899-1900.	1900-1901.	1901-1902.			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Main and branch Canals ...	309	\$16	1,008	2,684	1,336	28.75	40.84	26.40	61.83	46.05
Distributaries.	5,729	91	163	365	206	142.14	7.29	13.06	29.24	16.60

102.

[illegible]

NADIA RIVERS.*

103. TABLE II.—LENGTHS OF CHANNELS.

DESCRIPTION OF CHANNEL.	LENGTH OF CHANNEL IN MILES.				Total at end of March 1902.
	At end of March 1899.	Increase or decrease during—			
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
Navigable river channels.	470½	.....	...	2½	472½

Note.—The rivers being for navigation only, other items, such as Branch canals, distributaries, etc., have been omitted from this table.

The increase of 2½ miles during the year 1901-1902 is due to changes in the courses of the rivers.
The total area protected from flood is 1,005, 120 acres.

104. TABLE III.—FINANCIAL RESULTS.

PARTICULARS.		AVERAGE OF TRIENNIAL PERIOD ENDING —		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
Item.	1	2	3	4	5	6	7
	RECEIPTS.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Water-rates ...	.....	.....	.....	.....	.....	.....
2	Navigation ...	1,44,189	90,408	1,10,002	1,00,803	86,285	99,030
3	Miscellaneous ...	163	239	819	108	208	378
	Total ...	1,44,352	90,647	1,10,821	1,00,910	86,493	99,408
	Less—Refunds of revenue ...	20	3	32	87	316	145
4	Total Receipts ...	1,44,332	90,644	1,10,789	1,00,823	86,177	99,263
	WORKING EXPENSES.						
	DIRECT CHARGES.						
	I.—Works						
5	Extensions and improvements ...	.....	77	.....	6,226	.....	2,775
6	Maintenance and repairs ...	71,981	56,447	50,975	58,352	61,407	56,911
7	Establishment (Direction and Accounts and Executive).	33,990	25,540	30,112	31,083	15,134	25,443
8	Tools and plant ...	1,634	1,717	1,955	1,417	1,151	1,608
8(a)	Suspense accounts ...	1,513	(—)1,536	508	1,143	3,823	1,825
	Total ...	1,09,118	82,245	83,550	98,221	81,515	87,762
	II.—Revenue management.						
9	Irrigation establishment ...	.....	.....	.....	.....	.....	.....
10	Navigation ditto ...	26,956	23,871	22,527	22,944	23,007	22,826
	Total ...	26,956	23,871	22,527	22,944	23,007	22,826
11	Total Direct Charges ...	1,36,074	1,06,116	1,06,077	1,21,165	1,04,522	1,10,588

* There being no capital expenditure on these rivers table I has been omitted.

TABLE III.—FINANCIAL RESULTS—*concd.*

Item.	PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896	March 1899.	1899-1900.	1900-1901.	1901-1902.	
	1	2	3	4	5	6	7
	WORKING EXPENSES— <i>contd.</i>	Rs.	Rs.	Rs.	Rs.	s.	Rs.
	INDIRECT CHARGES.						
12	Capitalised abatement of land revenue.	.....	.....	.....	.....	.....	.....
13	Leave and pension allowances ...	8,532	6,917	7,369	7,564	5,340	6,757
	Total ...	8,532	6,917	7,369	7,564	5,340	6,757*
14	Total working expenses (direct and indirect).	1,44,606	1,13,083	1,13,446	1,28,729	1,09,862	1,17,345
15	Net revenue ...	(-) 274	(-) 22,389	(-) 2,657	(-) 27,906	(-) 23,635	(-) 18,082
16	Capital outlay (direct and indirect)	.....	.....	.....	.....	.. ..	.....
17	Percentage of net revenue on Capital outlay.	.....	.....	.. ..	.....	.....	.. ..
18	Area irrigated Acres ...	.....	.....	.....	.....	.....	.....
19	Average water-rate (item 1) per acre irrigated.	.....	.....	.....	.....	.....	.....
20	Total Irrigation establishment charges (items 7+9) per acre irrigated.	.....	.....	.....	.....	.....	.....
21	Working expenses (direct and indirect) per acre irrigated.	.....	.....	.. ..	.....	.....	.....

The receipts which are almost entirely from tolls on boats have been steadily decreasing. This is due to the deterioration of the river channels, which are gradually silting up. A scheme for making the Bhagirathi navigable for steamers throughout the year, by the employment of powerful suction dredgers, is being matured. The working expenses have been much reduced during the year 1901-02.

105. TABLE XVII.—NAVIGATION.

		AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
	1	2	3	4	5	6	7
Number of miles open ...	No.	469 $\frac{3}{4}$	465 $\frac{1}{2}$	470 $\frac{1}{4}$	470 $\frac{1}{4}$	472 $\frac{1}{2}$	471
Toll collections ...	Rs.	1,44,183	90,394	1,09,981	1,00,798	86,283	99,020
Rate of toll per mile ...	"	307	194	234	214	182	210
Tollage on boats per ton per mile ...	Pies	...	...	...	...	...	...
Number of boats plying cargo and passengers, including empties ...	No.	50,855	42,911	44,441	42,261	38,608	44,770
Tonnage of cargo and passenger boats, including empties ...	Tons	6,83,272	5,32,365	5,52,269	5,07,838	4,51,516	5,03,874
Estimated value of cargo, including rafts ...	Rs.	3,20,06,725	1,74,98,139	1,98,61,167	1,87,39,376	1,81,97,635	1,89,32,726

106. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period, ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Sales of water ...	...	...	...	...	...	...
Water-supply of towns ...	...	...	...	...	...	...
Plantations ...	...	...	...	...	...	...
Other canal produce ...	...	...	...	...	...	...
Water-power ...	...	...	...	...	...	...
Rents of buildings and land ...	13	...	18	...	...	6
Fines ...	...	...	...	...	...	...
Miscellaneous ...	150	239	794	107	208	370
Total ...	163	239	819	108	208	378

107. TABLE XIX.—PLANTATIONS.

DIVISION.	1899-1900.				1900-1901.				1901-1902.			
	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 1 to 12 feet.	Seedlings under 4 feet.	Total.
1	2	3	4	5	6	7	8	9	10	11	12	13
	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
Nadia Rivers ...	25,989	2,229	1,607	29,825	21,811	2,124	2,251	26,386	21,401	2,787	3,211	27,439

DIVISION.	1899-1900.				1900-1901.				1901-1902.			
	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.
	14	15	16	17	18	19	20	21	22	23	24	25
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Nadia Rivers ...	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.	Nil.
Total ...	...	...	...	...	...	...	...	...	...	...	...	...

108. TABLE XX.—MAXIMUM FLOODS OF THE YEAR.

NAME OF RIVER.	Locality.	1899-1900.		1900-1901.		1901-1902.		Highest recorded flood.	
		Date.	Reading above mean sea level.	Date.	Reading above mean sea level.	Date.	Reading.	Date.	Reading above mean sea level.
1	2	3	4	5	6	7	8	9	10
Bhagirathi	Geriah ...	3rd August 1899	75.15	12th September 1900	73.80	10th and 11th Sept. 1901.	75.80	27th August 1890	79.54
	Jangipur ...	3rd August 1899	72.80	13th ditto 1900	71.25	11th Sept. 1901.	73.93	26th ditto 1890	76.45
	Barhampur...	3rd August 1899	62.45	23rd ditto 1900	61.37	11th and 12th Sept. 1901.	63.21	14th ditto 1890	64.70
Bhairab	Katwa ...	29th July 1899	47.57	23rd ditto 1900	49.76	9th Sept. 1901.	47.01	26th ditto 1890	48.96
Jalangi	Akriganj ...	2nd August 1899	64.90	12th ditto 1900	63.95	8th Sept. 1901.	65.00	26th ditto 1890	63.46
Mathabhang	Sarupganj ...	5th August 1899	29.71	25th ditto 1900	32.50	12th and 13th Sept. 1901.	29.00	28th ditto 1890	33.96
	Hanskhaly ...	7th August 1899	35.55	27th ditto 1900	35.93	14th Sept. 1901.	34.10	3rd September 1890	29.93

GAIGHATA AND BUXI KHAL.

109. The Gaighata and Buxi khal is 7½ miles in length. It was taken over by the Irrigation Department from the District Board, Howrah, on the 1st April 1894.

The financial results of the khal for the triennial period under review are given below :—

	Receipts less refunds.	Expenditure. (direct charges).	Net revenue.
	Rs.	Rs.	Rs.
1899-1900	... 4,500	244	4,256
1900-1901	... 4,500	127	4,373
1901-1902	... 3,831	334	3,497
Average	... 4,277	235	4,042

The right of collecting tolls on the khal had been leased for five years commencing from the year 1896-97, at an annual rental of Rs. 4,500. The lease having expired at the close of the year 1900-1901, it was renewed on the same terms for another five years.

EDEN CANAL.*

110. TABLE II.—LENGTHS OF CHANNELS.

DESCRIPTION OF CHANNEL.	LENGTH OF CHANNEL IN MILES.				
	At end of March 1899.	Increase or decrease during—			At end of March 1902.
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
Navigable canals (both for irrigation and navigation.) Miles.	...	.....	...	.....	.....
Main and branch canals (for irrigation only.) "	27½	.....	.....	.....	27½
Distributaries ... "	17½	.....	.....	.....	17½
Village channels including those of Kana Nadi and Kana Damodar. "	56½	.....	.....	2,130ft.	Miles, Ft. 57 810
Permanent outlets ... No.	81	1	22	2	106
Temporary outlets and open cuts "	146	.....	.....	.....	146
Drainage channels ... Miles.	2	...	.....	.....	2
Area protected from flood ... Acres.	.....	.....	.....	.....	.....
Gross area under command ... "	300,000	.....	.....	.....	300,000

There was an increase of twenty-five outlets and of 2,130 feet in the length of village channels during the triennial period under review.

* There being no capital outlay on this canal, Table I has been omitted.

111.

TABLE III.—FINANCIAL RESULTS.

PARTICULARS.	Average of triennial period ending—		Period under review.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
RECEIPTS.						
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1. Water-rates ...	32,127	33,632	25,842	26,540	27,806	26,729
2. Navigation ...	.....	.....	.....	.....	.....	.....
3. Miscellaneous ...	517	454	1,138	787	1,034	986
Total	32,644	34,086	26,980	27,327	28,840	27,715
Less—Refunds of revenue	302	388	79	107	2	62
4. Total Receipts	32,342	33,698	26,901	27,220	28,838	27,653
WORKING EXPENSES.						
DIRECT CHARGES.						
<i>I.—Works..</i>						
5. Extension and improvements	5,380	30,594	169	2,293	.....	821
6. Maintenance and repairs ...	32,754	22,118	24,042	25,641	29,754	26,479
7. Establishment (Direction and Accounts and Executive.)	10,637	14,140	4,604	5,923	7,553	6,026
8. Tools and plant ...	697	360	401	498	527	475
Total	49,468	67,212	29,216	34,355	37,834	33,801
<i>II.—Revenue management.</i>						
9. Irrigation establishment ...	3,548	4,412	4,226	4,594	4,545	4,455
10. Navigation ditto	.....	.....	.....	.....	.....	.....
Total	3,548	4,412	4,226	4,594	4,545	4,455
11. Total Direct Charges	53,016	71,624	33,442	38,949	42,379	38,256

TABLE III.—FINANCIAL RESULTS—concluded.

PARTICULARS.	Average of triennial period ending—		Period under review.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
INDIRECT CHARGES.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
12. Capitalised abatement of land revenue.	}			Nil.		
13. Leave and pension allowances						
Total	.....	.....	.....	.....	.....	.....
14. Total working expenses	53,016	71,624	33,442	38,949	42,379	38,256
15. Net revenue	(—)20,674	(—)37,926	(—)6,541	(—)11,729	(—)13,541	(—)10,603
16. Capital outlay (direct and indirect.)	}			Nil.		
17. Percentage of net revenue on capital outlay.						
18. Area irrigated Acres.	22,783	25,179	27,551	26,789	28,141	27,494
19. Average water-rate (item 1) per acre irrigated.	1.41	1.33	0.94	0.99	0.98	0.97
20. Total Irrigation establishment charges (item 7 + 9) per acre irrigated.	0.62	0.73	0.32	0.39	0.42	0.38
21. Working expenses (direct) per acre irrigated.	2.33	2.85	1.21	1.45	1.50	1.39

The water-rates have only slightly varied during the period under review. The working expenses, however, show a tendency to increase. The high cost of working expenses in the two preceding periods were due principally to the construction of two distributaries costing Rs. 90,700.

112. TABLE IV.—RAINFALL.

		AVERAGES OF TWO STATIONS.				Average of three years ending March 1902.
		Average of six years* ending March 1899.	Period under review.			
			1899-1900.	1900-1901.	1901-1902.	
1		2	3	4	5	6
		Inches.	Inches.	Inches.	Inches.	Inches.
Kharif season	July	... 10.21	26.81	9.56	10.53	15.63
	August	... 9.73	9.89	11.20	9.38	10.16
	September	... 8.79	8.56	21.93	12.76	14.42
	October	... 4.16	3.28	0.60	2.40	2.09
Total		... 32.89	48.54	43.29	35.07	42.30
Rabi season	November	... 0.34	0.00	0.00	2.64	0.88
	December	... 0.00	0.00	0.20	0.00	0.07
	January	... 0.36	0.02	1.18	0.00	0.40
	February	... 0.34	1.31	2.27	0.00	1.19
Total		... 1.04	1.33	3.65	2.64	2.54
Whole year		... 53.97	74.38	63.89	54.48	64.25

* Information beyond six years is not available.

The rainfall during the triennial period under review was considerably more than the average of the six years ending March 1899. The fall during 1901-1902 was however less than that of the two previous years and the average of the three years ending March 1902.

113. TABLE V.—AREAS IRRIGATED.

YEAR.	Kharif.	Rabi.	Peren-nial.	Total.	RAINFALL.		
					Kharif season.	Rabi. season.	Year.
1	2	3	4	5	6	7	8
	Acre.	Acre.	Acre.	Acre.	Inches.	Inches.	Inches.
1893-94	11,601	138	...	11,739	34.06	0.69	63.72
1894-95	20,370	20	...	20,390	30.65	2.53	45.25
1895-96	34,336	1,885	...	36,221	27.60	0.00	44.94
Triennial average	22,102	681	...	22,783	30.77	1.07	51.97
1896-97	19,044	2,250	...	21,294	25.48	0.30	49.34
1897-98	23,640	847	...	24,487	38.18	1.04	58.20
1898-99	29,018	739	...	29,757	41.41	1.71	60.39
Triennial average	23,901	1,278	...	25,179	35.02	1.01	55.97
1899-1900	26,730	821	...	27,551	48.54	1.33	74.38
1900-1901	26,625	164	...	26,789	43.29	3.65	63.89
1901-1902	27,924	217	...	28,141	35.07	2.64	54.48
Triennial average	27,093	401	...	27,494	42.30	2.54	64.25

There was a slight increase in the area irrigated during the year 1901-1902, compared with the two previous years. The increase was partly due to the thorough silt clearance of Channel No. 1 at Jujuty, which facilitated the supply of water and partly to the failure of rain in October, when there was a great demand for water.

TABLE VI.—AREAS IRRIGATED BY LEASES.

CROP.		AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1.		2	3	4	5	6	7
		Acres.	Acres.	Acres.	Acres.	Acres.	Acres.
Kharif	Long-term leases	20,482	21,130	26,356	25,239	26,311	25,969
	Season leases ...	33	809	...	634	510	381
	One flushing ...	1,534	1,950	306	692	768	589
	Unauthorized ir- rigation.	53	12	68	60	335	154
	Total ...	22,102	23,901	26,730	26,625	27,924	27,093
Rabi	Long-term leases	...	...	...	...	...	...
	Season leases ...	681	1,278	818	164	217	400
	Unauthorized ir- rigation.	...	...	3	...	...	1
	Total ...	681	1,278	821	164	217	401
Total	Long-term leases	20,482	21,130	26,356	25,239	26,311	25,969
	Season leases ...	714	2,087	818	798	727	781
	Others ...	1,587	1,962	377	752	1,103	744
GRAND TOTAL ...		22,783	25,179	27,551	26,789	28,141	27,494

The average area under long term leases during the triennial period under review was in excess of the average areas of the two previous triennial periods. There was one case of unauthorised *kharif* irrigation during the year 1901-1902 of 355 acres in the Hooghly district. The area was assessed at 8 annas per bigha.

TABLE VIII.—LONG-TERM LEASES.

DIVISION.	Leases lapsed on 31st March 1899.	1899-1900.		Leases lapsed on 31st March 1900.	1900-1901.		Leases lapsed on 31st March 1901.	1901-1902.	
		Leases entered into during the year.	Total area under lease in the year.		Leases entered into during the year.	Total area under lease in the year.		Leases entered into during the year.	Total area under lease in the year.
1	2	3	4	5	6	7	8	9	10
	Acre.	Acre.	Acre.	Acre.	Acre.	Acre.	Acre.	Acre.	Acre.
Northern Drainage and Embankment.	Nil	120	24,741	Nil	432	25,043*	Nil	621	25,484†
Total	Nil	120	24,741	Nil	432	25,043*	Nil	621	25,484†

* 130 acres were cancelled in 1900-1901.
† 180 acres were cancelled during 1901-1902.

There was a slight increase in the number of new long term leases.

114. TABLE IX.—DUTY OF WATER.

YEAR AND CROP.		EDEN CANAL SYSTEM.					
		Area irrigated.	Number of days the canal was open.	AVERAGE SUPPLY.		DUTY.	
				At head.	Utilised.	At head.	Utilised.
1		2	3	4	5	6	7
		Acre.	No.	C. ft. per sec.	C. ft. per sec.	Acre.	Acre.
1899-1900	{ Kharif	26,730	108	223·69	156·34	119·49	170·97
	{ Hot-weather	...	...	...	...	...	...
	{ Rabi	821	120	105·10	14·30	7·81	57·41
1900-1901	{ Kharif	26,625	108	367·58	269·54	72·43	98·77
	{ Hot-weather	...	...	...	...	...	...
	{ Rabi	164	120	113·32	76·27	1·44	2·15*
1901-1902	{ Kharif	27,924	110	331·91	315·48	84·13	88·51
	{ Hot-weather	...	...	...	...	...	...
	{ Rabi	217	120	86·61	17·05	2·50	12·72
Average of the triennial period ending 1901- 1902.	{ Kharif	27,093	108	307·72	247·12	92·02	119·42
	{ Hot-weather	...	...	...	...	...	...
	{ Rabi	400	120	101·67	35·87	3·92	24·09

* Water utilized mostly for drinking & other purposes, hence less duty.

TABLE X.—CROP EXPERIMENTS—RICE.

115. Result of Experiments on "average" rice crops, irrigated with canal water.

DIVISION.	1899-1900.			1900-1901.			1901-1902.		
	Number of experiments.	AVERAGE YIELD PER ACRE, WEIGHED DRY.		Number of experiments.	AVERAGE YIELD PER ACRE, WEIGHED DRY.		Number of experiments.	AVERAGE YIELD PER ACRE, WEIGHED DRY.	
		Unhusked grain.	Straw.		Unhusked grain.	Straw.		Unhusked grain.	Straw.
1	2	3	4	5	6	7	8	9	10
Northern Drainage and Embankment Division.	No. 10	Mds. srs. 31 28	Mds. srs. 41 16	No. 12	Mds. srs. 28 11	Mds. srs. 49 23	No. 9	Mds. srs. 24 16	Mds. srs. 45 23

Result of experiments on "average" rice crops, irrigated without canal water.

Northern Drainage and Embankment Division.	No. 9	Mds. srs. 20 13	Mds. srs. 27 22	No. 9	Mds. srs. 14 17	Mds. srs. 22 25	No. 8	Mds. srs. 18 29	Mds. srs. 29 23
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The average outturn of rice on an acre of land which received the benefit of canal water was far better than the outturn of the land irrigated without canal water.

No experiments were made with *rabi* crops.

TABLE XII.—RELATIVE VALUE, IRRIGATED AND UNIRRIGATED CROPS

DIVISION.	RICE.					
	1899-1900.		1900-1901.		1901-1902.	
	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.	Value of outturn to cultivators per acre from irrigated lands.	Value of outturn to cultivators per acre from lands not irrigated.
	Grain* = 12 seers per rupee. Straw = 3 maunds per rupee.	Grain* = 12 seers per rupee. Straw = 3 maunds per rupee.	Grain* = 12½ seers per rupee. Straw = 2 maunds per rupee.	Grain* = 12½ seers per rupee. Straw = 2 maunds per rupee.	Grain* = 11½ seers per rupee. Straw = 1½ maunds per rupee.	Grain* = 11½ seers per rupee. Straw = 1½ maunds per rupee.
1	2	3	4	5	6	7
Northern Drainage and Embankment Division.	Rs. 81	Rs. 52	Rs. 84	Rs. 41	Rs. 87	Rs. 64

* Grain here means Rice.

The increase in the value of the outturn in 1901-1902 compared with the two previous years is mainly due to the high price of rice and straw.

	Irrigated lands. Rs.	Lands not irrigated. Rs.
Value of outturn to cultivators per acre for the triennial period ending March 1896	48	23
Value of outturn to cultivators per acre for the triennial period ending March 1899		43
Value of outturn to cultivators per acre for the triennial period ending March 1902	75	49

116. TABLE XIII.—ASSESSMENTS, REMISSIONS, AND COLLECTIONS.

Number of item.	HEADS.	AVERAGE OF TRIENNIAL PERIOD ENDING		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8
1	Opening balance of the year	Rs. 33,787	Rs. 25,902	Rs. 20,011	Rs. 9,726	Rs. 9,075	Rs. 12,937
2	Assessment made by the Subdivisional Officer, Edilpur.	39,159	31,717	28,180	28,624	30,342	29,049
3	Surplus and excess recoveries	...	1,062	142	262	198	200
	Total ...	72,946	58,681	48,333	38,612	39,615	42,186
4	Ordinary remissions ...	3,542	1,128	496	385	163	348
5	Commissions ...	1,178	2,477	2,472	2,581	2,672	2,575
	Deduction ...	4,720	3,605	2,968	2,966	2,835	2,923
6	Net demand (including arrears.)	68,226	55,076	45,365	35,646	36,780	39,263
7	Written off as irrecoverable	3,221	167	...	31	...	10
8	Written off under special sanction.	...	...	9,797	...	...	3,266
9	Actually collected ...	32,127	32,570	25,700	26,273	27,608	26,529
10	Surplus and excess recoveries	...	1,062	142	262	198	200
11	Total collections and adjustments.	35,348	33,799	35,639	26,571	27,806	30,005
12	Outstanding balance (line 6—line 11.)	32,878	21,277	9,726	9,075	8,974	9,258
13	Percentage of collection (11) to net demand (6).	52	61	78	74	75	76
14	Number of certificates issued.	146	131	158	163	143	154

* This figure has been arrived at by deducting Rs. 902 on account of realization in excess of the actual assessments from 1892-93 to 1895-96.

There was a marked and steady improvement in the collection of water-rates, and a very satisfactory reduction in the outstanding balance. The average during the triennial period under review was Rs. 9,258 only compared with the averages Rs. 32,878 and Rs. 21,277 of the two preceding triennial periods ending March 1896 and 1899.

In the remissions granted during the triennial period there was considerable decrease. This was due to more accurate assessments.

117. TABLE XIV.—CLAIMS AND COMPLAINTS.

YEAR.	DIVISION.	I.—CLAIMS FOR ORDINARY REMISSIONS.			II TO V.—OTHER COMPLAINTS.			TOTAL OF THE YEAR.		
		Allowed.	Refused.	Pending.	Admitted.	Refused.	Pending.	Admitted.	Refused.	Pending.
1	2	3	4	5	6	7	8	9	10	11
		No.	No.	No.	No.	No.	No.	No.	No.	No.
1899-1900	Northern Drainage and Embankment Division.	3	16	1	5	4	...	8	20	1
1900-1901	Ditto	4	12	2	3	3	...	7	15	2
1901-1902	Ditto	1	28	...	20	14	...	21	42	...

TABLE XV.—CLASSIFICATION OF COMPLAINTS.

Class.	SUBJECT.	1899-1900.			1900-1901.			1901-1902.		
		Granted.	Refused.	Total.	Granted.	Refused.	Total.	Granted.	Refused.	Total.
1	2	3	4	5	6	7	8	9	10	11
		No.	No.	No.	No.	No.	No.	No.	No.	No.
I	Claims for remission in which liability to water-rate is denied.	3	16	19	4	12	16	1	28	29
II	Claims for remissions in which liability to water-rate is not denied.	1	...	1	...	...	...	...	1	1
III	Complaints of damage caused by the canals.	2	1	3	3	1	4	5	4	9
IV	Complaints against individuals.	...	1	1	...	...	...	...	...	...
V	Other complaints	2	2	4	...	2	2	15	9	24
	Total	8	20	28	7	15	22	21	42	63

118.

TABLE XVI.—ESTABLISHMENT.

Item.	HEAD OF ESTABLISHMENT.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Direction and accounts ...	10,637	14,140	4,604	5,923	7,553	6,026
2	Executive ...						
3	REVENUE MANAGEMENT.						
4	(i) Under Deputy Collectors.	Nil	.....	.....	.....	.....	.....
	(ii) Under Engineers.						
	Permanent and temporary establish- ments, including travelling allowance.	3,548	4,412	4,226	4,594	4,545	4,455
	Contingencies ...	.....	.....	.....	.....	.....	.....
	Headmen's fees ...	.....	.....	.....	.....	.....	.....
	Water-regulation establishment ...	.....	.....	.....	.....	.....	.....
5	Total establishment under Engineers ...	3,548	4,412	4,226	4,594	4,545	4,455
6	Total revenue management ...	3,548	4,412	4,226	4,594	4,545	4,455
7	Navigation establishment ...	.....	.....	.....	.....	.....	.....
8	Total establishment charges ...	14,185	18,552	8,830	10,517	12,098	10,481
9	Collection of water-rates and other revenue by establishment under revenue management.	32,127	33,632	25,842	26,540	27,806	26,729
10	Percentage of (6) on (9) ...	11·04	13·12	16·35	17·31	18·34	16·66
11	Rate of total establishment (8) per acre irrigated.	0·62	0·73	0·32	0·39	0·43	0·38

119. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.	
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.		
1	2	3	4	5	6	7	
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	
Sales of water... ..	...	29	207	...	245	151
Water-supply of towns ... ..	...	...	...	...	...	...
Plantations ... ..	...	...	...	...	...	...
Other canal produce	35	26	198	82	78	119	
Water-power ... ..	...	...	...	...	...	...
Rents of buildings ... ..	...	10	21	21	55	32
Fines ... ..	...	...	...	...	...	...
Miscellaneous ... {	Rents of lands ... ..	...	...	...	...	...
	Fisheries	482	389	712	634	656	684
	Cost of process ... ..	...	...	...	...	...
	Sale of old materials ... ..	...	...	...	...	...
	Other items ... ..	...	...	...	...	...
Total	517	454	1,138	787	1,034	986	

120. TABLE XIX.—PLANTATIONS.

[illegible]

121.		TABLE XX.—MAXIMUM FLOODS OF THE YEAR.							
NAME OF RIVER.	Locality.	1899-1900.		1900-1901.		1901-1902.		HIGHEST RECORDED FLOOD.	
		Date.	Reading.	Date.	Reading.	Date.	Reading.	Date.	Reading.
1	2	3	4	5	6	7	8	9	10
Damodar		1899.	Ft. in.	1900.	Ft. in.	1901.	Ft. in.	1897.	Ft. in.
	Edilpore *	15th July	14' 6"	22nd Sept.	15' 6"	5th Sept.	16' 3"	14th July	16' 10"
	Joojooty ...	15th "	18' 3"	22nd "	20' 0"	5th "	21 50	14th "	22' 6"

* There is no weir in the river.

The floods during the year 1901-1902 were of ordinary character and no damage was done to the canal.

122.

TABLE XXII.—MAINTENANCE AND REPAIRS—CANALS AND DISTRIBUTARIES.

CANALS, BRANCH CANALS, AND DISTRI- BUTARIES.	EXPENDITURE.					COST PER MILE.				
	Average of triennial period end- ing March 1899.	Period under review			Average of triennial period end- ing March 1902.	Average of triennial period end- ing March 1899.	Period under review.			Average of triennial period end- ing March 1902.
		1899-1900.	1900-1901.	1901-1902.			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8	9	10	11
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Canal and Distribu- taries.	22,021	24,042	25,047	29,754	27,300	487	532	567	654	580

123.

TABLE XXIII.—SILT-CLEARANCE AND DREDGING.

SILT-CLEARANCE BY HAND.										
LOCALITY.	Average of triennial period ending March 1899.		Period under review.						Average of triennial period ending March 1902.	
			1899-1900.		1900-1901.		1901-1902.			
	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.	Quantity.	Cost.
1	2	3	4	5	6	7	8	9	10	11
	C. ft.	Rs.	C. ft.	Rs.	C. ft.	Rs.	C. ft.	R.	C. ft.	Rs.
ujuti sluice chan- nels.	590,436	3,328	252,253	1,261	610,285	3,051	796,217	3,981	552,918	2,764
Jamalpur sluice chan- nels.	77,913	428	...	...	...	...	263,672	1,318	87,890	439
Total ...	668,349	3,756	252,253	1,261	610,285	3,051	1,059,889	5,299	640,809	3,203
DREDGING.										
Repairs to dredging plant.					Nil					
Tota ...					Nil					

The quantity of silt cleared by hand during the triennial period under review was a little less than that of the preceding period.
No dredger was employed in the canal for silt clearance.

MADHUBAN CANAL.

124. TABLE II.—LENGTHS OF CHANNELS.

DESCRIPTION OF CHANNEL.	LENGTH OF CHANNEL IN MILES.				
	At end of March 1899.	Increase or decrease during—			At end of March 1902.
		1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6
Canal for irrigation, miles.	6.20	Nil.	Nil.	Nil.	6.20

125. TABLE III.—FINANCIAL RESULTS.

PARTICULARS.		Average of triennial period ending—		Period under review.			Average of triennial period ending March 1902.
		March 1896.	March 1899.	1899-1900	1900-1901.	1901-1902.	
Item.	1	2	3	4	5	6	7
RECEIPTS.							
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
1	Water-rates ...	...	...	...	...	...	...
2	Navigation ...	...	...	...	...	...	...
3	Miscellaneous ...	116	145	64	213	196	158
	Total ...	116	145	64	213	196	158
	Less—Refunds of revenue ...	15	...	...	...	...	...
4	Total Receipts ...	101	145	64	213	196	158
WORKING EXPENSES.							
DIRECT CHARGES.							
I.—Works.							
5	Extensions and improvements ...	...	11	(—)34	...	...	(—)11
6	Maintenance and repairs ...	4,666	4,984	6,107	2,546	2,064	3,572
7	Establishment (Direction and Accounts and Executive) ...	2,037	2,233	2,995	1,120	2,500	2,208
8	Tools and plant ...	15	49	43	43	23	36
	Total ...	6,718	7,277	9,111	3,718	4,587	5,805
II.—Revenue management.							
9	Irrigation establishment ...	...	...	...	...	...	...
10	Navigation ditto ...	...	...	...	...	...	...
	Total ...	...	...	...	...	...	...
11	Total Direct Charges ...	6,718	7,277	9,111	3,718	4,587	5,805
INDIRECT CHARGES.							
12	Capitalised abatement of land revenue.	...	...	...	...	...	...
13	Leave and pension allowances ...	...	...	...	...	...	...
	Total ...	...	...	...	...	...	...
14	Total working expenses (direct and indirect.)	6,718	7,277	9,111	3,718	4,587	5,805
15	Net revenue ...	(—)6,617	(—)7,132	(—)9,047	(—)3,505	(—)4,391	(—)5,647
16	Capital outlay (direct and indirect).	...	...	...	...	...	...
17	Percentage of net revenue on Capital outlay.	...	...	...	...	...	...
18	Area irrigated, Acres ...	3,614	5,480	2,157	1,830	5,397	3,128
19	Average water-rate (item 1) per acre irrigated.	...	...	...	...	...	...
20	Total irrigation establishment charges (items 7 & 9) per acre irrigated.	...	...	...	...	...	...
21	Working expenses (direct and indirect) per acre irrigated.	1.86	1.33	4.22	2.03	0.85	1.85

* There being no capital outlay on the Canal, Table I has been omitted.

No water-rates are charged for irrigation from the Canal, water being given free. The receipts are from miscellaneous sources and they are very small compared with the cost of maintenance and repairs.

126. . TABLE IV.—RAINFALL.

		ONE STATION.				Average of years ending March 1902.
		Average of fifteen years ending March 1899.	Period under review.			
			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	
		Inches.	Inches.	Inches.	Inches.	Inches.
<i>Kharif</i> season	{ August ...	...	...	5.15	{ Not given by month.	...
	{ September ...	...	...	14.00		...
	{ October ...	...	...	1.10		...
	Total	...	...	...	20.25	...
<i>Rabi</i> season	{ November ...	...	...	...	{ Not given by month.	...
	{ December ...	...	...	0.20		...
	{ January ...	...	...	1.60		...
	{ February ...	...	...	...		...
Total	...	...	...	1.80	...	
Whole year	...	...	50.05	47.55	29.65	42.42

127. TABLE V.—AREAS IRRIGATED.

YEAR.	Kharif.	Rabi.	Perennial	Total.	RAINFALL.		
					Kharif season.	Rabi season.	Year.
1	2	3	4	5	6	7	8
	Acres.	Acres.	Acres.	Acres.	Inches.	Inches.	Inches.
1893-94 ...	2,710	46	315	3,071	...	...	...
1894-95 ...	5,033	117	368	5,518	...	...	...
1895-96 ...	980	112	1,162	2,254	...	...	...
Triennial average	2,908	91	615	3,614	...	...	...
1896-97 ...	5,873	1,905	3,473	11,251	...	...	...
1897-98 ...	958	174	868	2,000	...	...	59.40*
1898-99 ...	2,110	...	1,180	3,190	...	...	74.60
Triennial average	2,947	693	1,840	5,480	...	...	...
1899-1900 ...	1,007	1,150	{ ...† {	2,157	Nil	Nil	50.05
1900-1901 ...	1,158	672		1,830	20.25	1.80	47.55
1901-1902 ...	3,920	1,477		5,397	Nil	Nil	29.65
Triennial average	2,028	1,100	...	3,128	...	...	42.42

* The information previous to the year 1897-98 is not available.
† Included in Rabi.

The area irrigated during the year 1901-1902 was much in excess of that of the two previous years. The average of the triennial period under review was, however, less than that of the two previous periods.
No charge is made for irrigation effected from the canal.

128. TABLE XVIII.—MISCELLANEOUS REVENUE.

PARTICULARS.	AVERAGE OF TRIENNIAL PERIOD ENDING—		PERIOD UNDER REVIEW.			Average of triennial period ending March 1902.	
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.		
	1	2	3	4	5		6	7
		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Sales of water	...	...	...	...	...	...	...
Water-supply of towns	...	...	...	...	...	...	...
Plantations	...	...	...	...	...	...	...
Other Canal produce	...	...	...	4	2	1	2
Water-power	...	...	...	24	64	95	61
Rents of buildings	...	...	...	...	...	...	...
Fines	...	...	...	32	...	...	...
Miscellaneous	{ Rents of lands	...	...	...	...	...	...
	{ Fisheries	...	...	...	...	...	...
	{ Cost of process	...	...	...	...	...	...
	{ Sale of old ma- terials	...	...	...	...	...	...
	{ Other items	...	72	67	36	147	100	94
Total	...	103	145	64	213	196	157

129. TABLE XIX.—PLANTATIONS.

DIVISION.	1899-1900.				1900-1901.				1901-1902.				1899-1900.				1900-1901.				1901-1902.			
	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Trees over 12 feet.	Saplings from 4 to 12 feet.	Seedlings under 4 feet.	Total.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.	Receipts.	Expenditure.	Profit.	Loss.
	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
Champanan	No. 280	No. 234	No. 293	No. 807	No. 178	No. 255	No. 171	No. 604	No. 266	No. 203	No. 168	No. 637	Rs. 4	Rs. 76	...	Rs. 72	Rs. 2	Rs. 64	...	Rs. 62	Rs. 1	Rs. 36	...	Rs. 35
Total	280	2	93	807	178	255	171	604	266	203	168	637	4	76	...	72	2	64	...	62	1	36	...	35

There was an increase in the number of trees during the year 1901-1902 compared with the previous year 1900-1901, but it was less than that of the year 1899-1900. Thereceipts during the triennial period was Rs. 7 only, while the expenditure was Rs. 176, or Rs. 169 in excess.

130. TABLE XX.—MAXIMUM FLOODS OF THE YEAR.

NAME OF RIVER.	Locality.	1899-1900.		1900-1901		1901-1902.		Highest recorded flood.	
		Date.	Reading.	Date.	Reading.	Date.	Reading.	Date.	Reading.
1	2	3	4	5	6	7	8	9	10
Teur	Ekdari	No information available.				7-7-1902	354.50	13-8-1893	246.80

131. TABLE XXII.—MAINTENANCE AND REPAIRS—CANALS AND DISTRIBUTARIES.

CANALS, BRANCH CANALS, AND DISTRIBUTARIES.	EXPENDITURE.					COST PER MILE.				
	Average of triennial period, ending March 1899.	Period under Review.			Average of triennial period, ending March 1902.	Average of triennial period, ending March 1899.	Period under Review.			Average of triennial period, ending March 1902.
		1899-1900.	1900-1901.	1901-1902.			1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7	8	9	10	11
Madhuban Canal	Rs. 4,984	Rs. 6,107	Rs. 2,546	Rs. 2,064	Rs. 3,572	Rs. 803.87	Rs. 985	Rs. 410.64	Rs. 332.90	Rs. 576.13

GENERAL RESULTS.

132. The net results of the triennial period ending March 1902, compared with those of the two previous periods, are shown below:—

PARTICULARS.	Receipts from all sources.	Working expenses, including refunds of revenue (direct and indirect charges).	Profit or Loss.
1	2	3	4
MAJOR IRRIGATION WORKS. (In operation).	Rs.	Rs.	Rs.
Average of three years ending March 1896 ...	15,70,660	14,68,884	+ 1,01,776
Ditto ditto 1899 ...	19,84,355	14,23,530	+ 5,60,825
Ditto ditto 1902 ...	18,04,325	13,06,611	+ 4,97,714
MINOR WORKS AND NAVIGATION. (In operation).			
(1) Works for which Capital and Revenue accounts are kept—			
Average of three years ending March 1896 ...	5,27,208	3,79,501	+ 1,47,707
Ditto ditto 1899 ...	5,11,388	3,25,937	+ 1,85,451
Ditto ditto 1902 ...	4,73,752	3,37,457	+ 1,36,295
(2) Works for which only Revenue accounts are kept—			
Average of three years ending March 1896 ..	1,46,333	1,58,562	(-) 12,229
Ditto ditto 1899 ...	95,154	1,13,634	(-) 18,480
Ditto ditto 1902 ...	1,03,685	1,17,735	(-) 14,050
(3) Works for which neither Capital nor Revenue accounts are kept.—(Direct charges only).			
Average of three years ending March 1896 ...	32,746	60,059	(-) 27,313
Ditto ditto 1899 ...	34,230	79,288	(-) 45,058
Ditto ditto 1902 ...	27,873	44,125	(-) 16,252

COLLECTION OF
WATER-RATES.

133. The work done in the recovery of water-rates is shown in the following statement:—

CANALS.	Average outstanding for the triennial period ending March 1899.	Average of the demand for the triennial period ending March 1902.	Average of the amount collected or adjusted for the period ending March 1902.	Average of the outstanding balance for the period ending March 1902.
1	2	3	4	5
	Rs.	Rs.	Rs.	Rs.
Orissa ...	1,753	2,66,706	2,64,659	2,047
Midnapore ...	6,891	1,24,577	1,24,067	510
Sone ...	3,637	10,26,737	10,26,543	194
Total ...	12,281	14,18,020	14,15,269	2,751

The small outstanding balance is highly satisfactory, and is an index not only of the excellent administration of the collecting establishment, but also of the accuracy of the assessments made by the Canal officers.

134. In the following table a comparison is made between the approximate value of crops irrigated by Major Irrigation Works during the periods ending March 1899 and 1902:—

CANALS.	AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1899		AVERAGE OF THE TRIENNIAL PERIOD ENDING MARCH 1902.	
	Area irrigated.	Value of crops.	Area irrigated.	Value of crops.
1	2	3	4	5
	Acres.	Rs.	Acres.	Rs.
Orissa ...	191,832	69,80,823	201,955	73,53,218
Midnapore ...	71,322	24,55,766	78,190	26,87,189
Sone ...	476,466	1,88,89,653	481,333	1,72,81,756
Total ...	739,620	2,83,86,242	761,478	2,73,22,163

The average value per acre of the various crops irrigated has decreased from Rs. 38·31 to Rs. 35·88.

135. The results of the working of the canals in Bengal for the period under review may be considered as fairly satisfactory.

The average area irrigated from the Orissa Canals during the period under review was slightly in excess of that irrigated during the preceding period; but there was a general decrease in the receipts. The average collections were Rs. 3,98,995, against Rs. 4,96,788, thereby showing a falling off of Rs. 97,793. The reduction was mostly under navigation, owing to the opening of the Bengal-Nagpur Railway and the abolition of the Government transport service. It is, however, satisfactory to note that the working expenses were reduced from Rs. 5,10,292 to Rs. 4,51,297. The floods in the rivers were of ordinary character, and, as a result, very little damage was done to the canals.

The average net revenue from this canal was Rs. 17,465 in excess of that earned during the previous triennial period. This was due to the fact that the average working expenses were reduced by Rs. 40,670, owing in a great measure to the cessation of the Steamer Service, which rendered dredging in the entrance channels to the locks and revetting of the canal banks almost unnecessary.

There was a marked decrease in the navigation receipts from this canal. This was mainly due to the opening of the Bengal-Nagpur Railway, which diverted most of the traffic.

The area irrigated during the year 1901-1902 was the highest on record, and the average for the period under review exceeded that for the preceding period by 4,867 acres. The average receipts from water-rates increased from Rs. 10,09,662 to Rs. 10,26,459, but the navigation receipts decreased from Rs. 87,999 to Rs. 48,833. There was no appreciable improvement in the working expenses.

The most disappointing feature in the working of these canals during the past three years is the very marked decrease of navigation receipts, due to the opening of the Bengal-Nagpur and the Mogal Sarai-Gaya Railways. This is clearly shown in the following statement:—

CANAL.	Average of triennial period ending—		Period under review.			Average of triennial period ending March 1902.
	March 1896.	March 1899.	1899-1900.	1900-1901.	1901-1902.	
1	2	3	4	5	6	7
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Orissa Canals ...	1,42,497	1,92,676	1,47,689	90,485	78,153	1,05,442
Midnapore Canal ...	1,51,468	1,30,044	89,789	97,730	89,835	92,451
Hijili Tidal Canal ...	58,658	84,675	51,796	45,472	45,909	47,725
Sone Canals ...	60,061	87,999	86,306	36,507	23,595	48,832
Total ...	3,92,684	4,95,394	.....	.....	.....	2,94,460

CALCUTTA AND
EASTERN
CANALS.

The most important work in progress is the improvement of the Madaripur Bhil route, which was taken up during the latter end of the year 1899-1900. There was a gradual decrease in the navigation receipts during the years 1900-1901 and 1901-1902, due partly to the general depression in trade and partly to the fact that the crops in the Eastern districts were below the average.

SARAN
CANALS.

The Saran canals practically remained closed during the period under review, except for two short intervals during the years 1900-1901 and 1901-1902, when they were opened for the irrigation of the *khari* and *rabi* crops, and water was given free of charge.

ORISSA COAST
CANAL.

As in the case of the other navigable canals in Bengal, there was a considerable decrease in the navigation receipts of this canal, due mainly to the opening and competition of the Bengal-Nagpur Railway.

NADIA
RIVERS.

The receipts have been steadily decreasing owing to the deterioration of the rivers, which are gradually silting up.

MADHUBAN
CANAL.
EDEN CANAL.

There is nothing of importance to note under this canal.

There was a slight increase in the collection of water-rates and in the area irrigated. The average amount of expenditure during the period under review was Rs. 38,256, against Rs. 71,624 during the previous period. This was simply due to the fact that there was no expenditure on original works during the last three years.

DATE FOR
SUBMISSION OF
REPORTS.

136. The date fixed for the submission of the triennial Revenue reports to the office of the Chief Engineer was the 5th September 1902. The dates when the different reports were received are shown below:—

Orissa Circle	... Superintending Engineer's Report.	5th September 1902.
South-Western Circle	Ditto	29th ditto.
Sone Circle	...	8th ditto.
Gandak Circle	...	8th ditto.

All were punctually submitted, except the report of the South-Western Circle.

CALCUTTA:

The 29th November 1902.

D. B. HORN,

Chief Engineer, Bengal.

FINAL FORECAST OF THE INDIGO CROP OF
BENGAL, 1902.

The following Note is published for general information.

W. C. MACPHERSON,

Offg. Secy. to the Govt. of Bengal.

The 16th December 1902.

DEPARTMENT OF LAND RECORDS AND AGRI-
CULTURE, BENGAL.

Final Forecast of the Indigo Crop of Bengal, 1902.

Character of the season.—In forecasting the indigo crop, it is only necessary to consider the character of the season in the districts of Saran, Champaran, Muzaffarpur, Darbhanga, Monghyr, Bhagalpur, Purnea, Nadia and Murshidabad, which are the chief indigo-growing districts in the Province. The previous monsoon terminated very early and the winter rains failed; there was consequently serious lack of moisture in the early part of the season. There was practically no rain in February, but in March there was good rain everywhere. In Bihar, however, there were hailstorms and rain at the time of germination which rendered extensive re-sowing necessary. The rainfall in April was copious and general, except in Muzaffarpur and Darbhanga where it was slightly deficient. In May also there was good rain, except in Muzaffarpur and Monghyr, though the crop in the Bengal districts suffered to some extent from storms and heavy rain. In the following month the fall was deficient throughout the indigo area, especially in Saran, Champaran and Murshidabad. In July there was good rain almost throughout the indigo area, and in August also the fall, though slightly below the normal in many of the important indigo districts, was not insufficient for the requirements of this crop. The fall in September was general and very heavy, and indigo suffered from water-logging in Bengal, and from floods in Darbhanga and Muzaffarpur. October was unusually dry. The outturn is likely to be one of the worst on record.

Area sown.—The normal area at present under indigo in these Provinces is, according to the latest estimates made by District Officers, 412,400 acres, but this figure is too high, sufficient account not having been taken of the contraction of area under this crop, which has occurred during recent years. The area actually cultivated with indigo this year

is estimated at 253,500 acres against 311,200 acres sown last year. The decrease is due to the present unfavourable prospects of the industry, owing to competition with synthetic indigo in the markets of Europe.

Character of the crop.—From Appendix I appended to this note, it will be seen that, except in Malda, District Officers everywhere expect an outturn below the normal. For the five districts of North Bihar, the outturn is estimated at 47 per cent. of a normal crop, while that for the remaining districts is estimated at 56 per cent. Of the nine important indigo districts enumerated above, the crop in four (Saran 32 per cent., Muzaffarpur 24 per cent., Nadia 25 per cent. and Murshidabad 12 per cent.) has been almost a complete failure. The outturn in Purnea, Monghyr and Bhagalpur varies between 70 and 76 per cent., while Darbhanga and Champaran forecast an outturn of 63 and 54 per cent., respectively. Since the issue of the preliminary forecast, the prospects of the crop have improved in three districts (Bhagalpur, Champaran and Monghyr), deteriorated in six (Nadia, Murshidabad, Purnea, Cuttack, Saran and Muzaffarpur), and are unchanged in ten. According to the estimates of the District Officers, the outturn for the Province as a whole will amount to 49 per cent. of an average crop. In my first forecast I anticipated a 50 per cent. crop for the whole Province, and I do not see any reason to change that estimate.

Gross outturn.—Assuming that the normal yield of indigo per acre in the nine Bihar districts is 20 lbs., and that of the Bengal districts 12 lbs., the total yield of indigo in the North Bihar districts, according to the district returns, will amount to 24,905 factory maunds, against 48,759 factory maunds of the past year, and that in the remaining area to 7,472 factory maunds as compared with 13,972 factory maunds of the preceding year. A factory maund is equal to about 75 lbs.

Messrs. Moran & Co., however, estimate the outturn of the North Bihar districts at 26,000 factory maunds which very closely approximates the above estimate of the district officers, and this estimate may be accepted. Messrs. Moran & Co.'s estimate for the remaining area is only four to five thousand maunds, but from this figure several districts in which indigo is grown on a small scale are omitted. I estimate the yield for Bengal at 7,500 factory maunds.

C. G. H. ALLEN,

*Offg. Director of the Department of
Land Records and Agriculture, Bengal.*

CALCUTTA,
The 13th December 1902.

Final Report on the Indigo Crop of Bengal, 1902.

Division.	District.	1	2	3	4	5	6	7	8	9	10	11
				Total area of district in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under indigo in acres.	Approximate area sown last year (1901) in acres.	Estimated area sown this year (1902) in acres.	Taking 100 to represent the normal outturn, how much represented out-turn last year (1901)?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1902)?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.
Burdwan ...	Burdwan ...	...	...	1,752,080	1,884,900	6,100	1,300	1,700	68	65	.....
	Bankura ...	...	...	1,677,440	642,800	300	100	100	90	90	The area and outturn are the same as were shown in the preliminary forecast.	
	Midnapore ...	...	...	3,319,040	2,190,600	3,000	1,900	1,300	49	60	The increase in the area in column 7 as compared with the preliminary forecast is due to the addition of figures since supplied by a zamindar. It is subject to further revision.	
Presidency ...	Nadia ...	...	...	1,787,820	630,600	16,600	12,500	8,900	77	25	The decrease in the area sown this year as compared with that shown in the preliminary forecast is due to the submission of revised figures after enquiry by the Subdivisional Officer of Kushtia.	
	Murshidabad ...	...	...	1,373,440	388,500	25,000	11,200	8,800	86	12	The decrease in the outturn is due to insufficient rainfall. Indigo industry is declining considerably.	The normal area should be revised.

DIVISION.	DISTRICT.	1	2	3	4	5	6	7	8	9	10	11
			Total area of district in acres.	Total area estimated to be under cultivation in acres.	Approximate normal area under indigo in acres.	Approximate area sown last year (1901) in acres.	Estimated area sown this year (1902) in acres.	Taking 100 to represent the normal outturn, how much represented out-turn last year (1901) ?	Taking 100 to represent the normal outturn, how much will represent this year's outturn (1902) ?	Remarks by District Officers.	Remarks by the Department of Land Records and Agriculture, Bengal.	
Presidency—contd.	Jessore	...	1,872,000	1,203,800	14,000	600	400	25	13	The decrease in area sown this year is owing to the closing of the Hazra-pur indigo concern.	The normal area should be revised.	
Rajahahi	Rangpur	...	2,235,020	1,602,700	6,600	5,000	4,100	60	59	The cultivation of this crop is gradually dying out.		
	Gaya	...	3,015,680	2,207,200	100	100	100	50	75	The crop is sown to a nominal extent in this district.	Ditto,	
	Shahabad	...	2,198,720	1,841,800	7,700	2,100	1,600	53	77	The decrease in the area sown is due to the substitution of sugar and other more paying native crops.	Ditto,	
	Saran	...	1,708,720	1,357,200	42,500	37,600	19,300	70	32	Insufficient rain has reduced the outturn of the crops.	Ditto,	
Patna	Champaran	...	2,235,640	1,447,600	96,000	84,000	84,000	89	54			
	Muzaffarpur	...	1,941,254	1,037,000	65,600	20,000	48,000	62	24	The figure in column 5 is the average of areas under indigo in 1899, 1900 and 1901.		
	Darbhanga	...	2,142,600	1,678,000	50,300	47,600	32,500	82	63	The decrease in column 7 is principally due to the closing of factories in the Madhubani subdivision.	Ditto,	

Bhagalpur	Monghyr	2,509,440	1,522,800	15,000	14,000	12,600	78	75	The decrease in area sown this year is due to the fall in the price of natural indigo. The fall in the output is due to want of moisture and insufficient rainfall. Drought in May and June accounts for the decrease in output.	The normal area should be revised.
	Bhagalpur	2,704,640	2,097,000	13,000	13,000	12,000	76	76		
	Purnea	3,125,513	1,633,800	40,000	19,000	16,000	110	70		
	Malda	1,212,000	672,800	5,000	8,000	2,000	84	100		
Prissa	Southal Parganas	3,500,160	1,545,300	3,000	2,500	2,000	60	81	Certain factories at Dumka stopped working, hence the decrease in cultivation. The output at Asimahal is very poor owing to the absence of season's rain. The absence of rain at the time of maturity reduced the output.	Ditto, ditto.
	Cuttack	2,303,149	1,161,200	200	200	200	81	75		
	North Bihar	10,561,750	7,692,600	271,800	233,200	196,400	78	47		
	Bengal	32,424,902	19,703,500	140,000	78,000	57,100	84	56		
	Total	42,986,832	27,398,100	412,400	311,200	253,600	79	60*	* As estimated by this Department.

APPENDIX II.

Abstract Statement of Estimated Acreage and Outturn of the Indigo Crop, 1902.

PROVINCE.	ACREAGE.					OUTTURN IN LBS.											
	Of current year's crop.	Of previous year's crop.	Average of five preceding years (viz., 1896 to 1900).	Average of eight preceding years (viz., 1883 to 1900).	Percentage by which column 2 exceeds (+) or falls short of (-) area in—	Percentage by which column 3 exceeds (+) or falls short of (-) outturn in—					Estimated yield of current year, i.e., of area in column 2.	Yield of previous year, i.e., of area in column 3.	Average of five preceding years (viz., 1896 to 1900).	Average of eight preceding years (viz., 1883 to 1900).	Percentage by which column 9 exceeds (+) or falls short of (-) outturn in—		
						Column 3.	Column 4.	Column 5.	Column 10.	Column 11.					Column 12.		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15			
North Bihar...	196,470	233,200	225,400	253,200	— 15.78	— 33.51	— 23.43	1,859,000	8,640,600	4,832,900	3,849,300	— 45.63	— 56.98	— 51.63			
Bengal ...	67,100	78,000	188,300	183,100	— 26.79	— 69.67	— 68.81	557,900	1,043,800	1,794,700	1,789,000	— 46.32	— 68.91	— 68.83			
Total ..	263,500	311,200	413,700	436,300	— 18.54	— 47.39	— 41.90	2,417,200	4,683,500	6,117,600	5,638,300	— 48.39	— 60.48	— 57.13			

PROGRESS OF EDUCATION IN BENGAL FROM THE YEAR
1897-98 TO 1901-1902.

GENERAL DEPARTMENT—EDUCATION.

Calcutta, the 17th December 1902.

RESOLUTION—No. 3875.

READ—

The Review of Education in Bengal from the year 1897-98 to 1901-1902 with which is incorporated the Annual Report for 1901-1902.

THE Report covers the period of five years from 1897-98 to 1901-1902 and follows the lines of the Third Quinquennial Review of Education in India written by Mr. J. S. Cotton in 1898.

It is submitted by Mr. A. Pedler, F.R.S., C.I.E., Director of Public Instruction, who was in charge of the Department for seven months of the year 1901-02, his place being filled, during two periods of deputation to the Educational Conference at Simla and to the University Commission, by Mr. J. S. Slater. The Report was due to Government on the 1st October, but a complete copy did not reach the Secretariat till the 10th November, the delay being due partly to unusual pressure of work in the Press and partly to unpunctual submission of the Report of the Inspector of European Schools.

2. The most prominent features in the history of education in Bengal during the quinquennium, as depicted in this Report, are the falling off in the number of primary schools and pupils; the development of secondary education; the lamentably small progress made in female education; the continued backwardness of the Muhammadan population as compared with the Hindus; the increasing literacy among converts to Christianity; the revision of the system of vernacular education which was sanctioned in this Government's Resolution of the 1st January 1901; the development of the scheme of training schools with the establishment of the Kurseong Victoria School; the development, especially in Calcutta, of the system of hostels or boarding-houses for students, and the re-examination from the bottom of principles and methods of education which was initiated with the Education Conference held at Simla in 1901 and with the labours of the University Commission which began in 1902. Some of these matters will be noticed in this Resolution.

3. The decrease in the number of primary schools and pupils, which greatly outnumbers the increase obtained in the secondary schools, has been more or less continuous since the year 1896-97. There is a decrease in the number of schools, though not in the number of pupils, reported in 1892-93. This decrease has been the subject of enquiry under the orders of Government. The Director considers that the loss is nominal rather than real, and that it is due for the most part to elimination of weak and ephemeral schools from the returns; but he also thinks that there has been some real decrease of schools and pupils in recent years, owing to financial pressure and in localities to agricultural distress. These conclusions appear to be correct. It is not credible that there has really been a decrease in the number of children under instruction in Bengal in recent years, and the census figures show that in 1901 among persons over 15 years of age, there were 146 literate males per thousand against 137 in 1891. It was the special wish of the late Sir John Woodburn that earnest attempts should be made to increase the number of primary schools in the villages and to give them stability, and with this object, when allotting to the District Boards, to be expended on primary education, the sum of four lakhs out of the grant of ten lakhs placed at his disposal by the Government of India at the beginning of this year, he insisted that the Boards should devote a portion of the funds placed at their disposal to increasing the number of *pathsalas* as well as to improving the pay of the teachers in the existing schools.

While the primary schools have decreased in number during the last ten years, the large increase in the number of secondary schools and pupils, the conversion of many middle vernacular schools into middle English schools, and the increase in the number of boys learning English, indicate, as the Director remarks, an increasing desire among the people for higher standards of education. It is to be regretted that the Director finds that the standard of teaching in high schools is not so good as formerly; and it is to be hoped that the reforms consequent on the introduction of the new scheme of vernacular education and on the enquiries of the University Commission will lead to improvements in such schools.

4. The system of education followed in vernacular schools and in the lower classes of English secondary schools was remodelled during the quinquennium in accordance with proposals submitted by a Committee of officers of the Education Department over which the Director, Mr. Pedler, presided; these proposals were approved in Government Resolution No. 1, dated 1st January 1901. In the words of the late Lieutenant-Governor, the changes introduced "aim at developing the minds of the boys more than practising and strengthening their memories." The new system is based on Kindergarten principles and on the policy of teaching by object-lessons, which is an extension of the Kindergarten principle. In connection with this scheme, the vernacular text-books in use in schools have been entirely revised.

Another important feature of the scheme is that Indian boys will in future not be allowed to commence to learn English before they are well grounded in their own vernacular. It has accordingly been decided that the child's mother-tongue shall be the medium of instruction up to Class V of high schools, which corresponds to Class I of middle schools and to Standard VI of the new scheme, and which is ordinarily reached when the child is about 13 years of age. The study of English as a subject is allowed and provided for from Standard III upwards, *i.e.*, in Class VIIB of high schools, and in Class IV of middle schools; this is the standard above the lower primary classes, and is reached by the average boy at ten years of age.

5. Comparing the figures of the past ten years with those of the period under review, the Director finds that the total number of girls under instruction has increased by 13 per cent.; but this increase was gained in the first five years, and there has actually been a decrease in the number of girls returned as under instruction in the last five years, which is no doubt connected with the disappearance from the returns of the weak and ephemeral primary schools. According to the last census, the total number of females in Bengal was 39,215,224. Out of this number, the number of literate females was 7 per thousand against 4 only in 1891. The progress in female education in this Province has therefore been slow, though in Calcutta there has been marked advance. The Director gives in paragraph 4 of his report the reasons stated below as accounting for this slow progress:—

"The chief causes for the slow progress of female education in this country are—(1) conservatism of a great portion of the people; (2) the fact that the education of their female children is a matter of great indifference to a large proportion of parents and guardians, as they usually do not take the same amount of care and interest in the education of their female wards as they do in that of boys; (3) the system of early marriage, which presents an almost insurmountable barrier to education beyond the Primary stages; (4) the want of educated female teachers; (5) the want of a system for educating zenana ladies; (6) the want of adequate State aid and aid from the other Public Funds."

The late Lieutenant-Governor of Bengal had the cause of female education much at heart. Considerable increase of public expenditure has been sanctioned and will be devoted to schools for girls and on Inspectresses of Schools; and the training of female teachers is being encouraged.

6. There was a slight increase in the number of Muhammadan pupils in colleges and secondary schools and madrasas, but the decrease in the number of Muhammadan boys returned as reading in primary schools was much larger. This decrease is no doubt due to the elimination of weak schools from the general

returns which has been above noticed; but the backwardness of the Muhammadan population in availing themselves of education continues in spite of special encouragements held out to Muhammadan students by way of scholarships and special facilities offered to them for entrance into the public service, and until this backwardness is overcome it must continue to be a matter of solicitude to the Government and to the leaders of the Muhammadan community.

7. During the ten years ending with March 1902, the advance in the number of students in secondary schools and in colleges has been marked. The students in secondary schools increased from 197,285 to 244,992, while those in colleges numbered 10,463 in 1900-1901 as compared with 6,287 ten years previously. The current edition of the "Statesman's Year Book" gives the number of male students at the various universities and colleges in the United Kingdom as 32,278. Thus Bengal, with nearly twice the population of the United Kingdom, has only one-third of the number of male university students. A comparison of the respective numbers of female students reading in colleges who number only 77 in Bengal with the numbers of such students in the United Kingdom would indicate far greater backwardness.

There was a net increase during the quinquennium of six unaided colleges and a large increase in the number of students in Arts Colleges, especially in the Law classes. The number of candidates at all the University examinations increased. The number of candidates at the F. A. examination in ten years has exceeded the number who matriculated during the same period, the explanation being that many candidates appear more than once at this examination. The percentage of success at the Entrance and F. A. examinations fell off slightly during the quinquennium. The average of success at the B. A. examination has been lower during the last five years than in the preceding five years, and at the M. A. examination the percentage of passes has remained almost unchanged, owing, it is said, to a practical uniformity in the standard.

8. Technical education is imparted in the Civil Engineering College, Sibpur, the Bihar School of Engineering, the Survey Schools at Dacca and Cuttack, and also in schools affiliated to the Civil Engineering College at Sibpur. There was a decrease during the quinquennium in the total number of pupils reading in the Survey Schools. The largest decrease took place in the Survey School at Dacca, owing, it is said, to the difficulty which the students experience in securing employment after passing the sub-overseer's examination. This matter will be separately considered in consultation with the Public Works Department of this Government. During the last quinquennium, the study of Science in Arts Colleges has advanced, and practical subjects of education have been introduced in high, middle, and primary schools. Drawing is now taught in almost all high schools, and Elementary Science subjects have been introduced in the curriculum of lower classes.

The Agricultural classes established in 1899 in the Civil Engineering College at Sibpur have been fairly successful. Ten out of twelve of the higher agricultural class and all the lower class students passed the examination last year; and all the successful students of the first class and the majority of those of the lower class have obtained appointments in the Government Service or under private gentlemen owning landed estates.

9. The expenditure on public instruction from public funds has advanced from 36 lakhs in 1892-93 and 40 lakhs in 1896-97 to 43 lakhs in 1901-1902. This increase has practically been given entirely from Provincial revenues as the increased expenditure of recent years on education shown in the accounts of District Funds is due to larger grants being made from Provincial Funds in aid of District Boards and to the constitution of District Boards in the four districts of the Chota Nagpur Division, and not to development of the resources of District Boards. There has been no increase during the quinquennium of expenditure on education from Municipal funds. The increased expenditure of public funds in recent years has been mainly on account of secondary education and inspection, and it is only since an allotment has been made in the current year from Imperial Revenues that a substantial increase of expenditure on primary schools has been sanctioned.

10. There was an increase during the quinquennium in the number of
Inspection. Inspecting Officers of all classes. The number of
 Inspectors was raised from 6 to 9, excluding the
 Inspector of European Schools, and an Inspector of Schools is now provided for
 each Commissioner's Division. An increase of 64 Sub-Inspectors of Schools
 has recently been sanctioned with the object of reducing the number of primary
 schools to be inspected by each Sub-Inspector and the size of the Sub-
 Inspector's circles. This increase was rendered necessary by the orders which
 abolish the system of remuneration of teachers on the results of public
 examinations of their pupils and which substitute a system of remuneration
 with reference to results ascertained on inspections of the schools *in situ*.

The Inspecting Officers of higher grades performed their inspection duties
 during the year 1901-1902 to the Director's satisfaction; The Lieutenant-
 Governor hopes that, with the constitution of the new circles of Chota Nagpur
 and Chittagong, there will be fewer transfers of Inspectors next year.

All the Sub-Inspectors in the Burdwan Division, excepting those of
 Midnapore and Hooghly, and the Sub-Inspectors of Pabna, Darjeeling and
 Backergunge, failed to tour for the prescribed minimum of 200 days; the
 minimum number of 350 visits was not attained in the Sonthal Parganas,
 Midnapore, Rajshahi, Jalpaiguri and Darjeeling. These shortcomings should
 not be allowed to recur.

11. The Acting Lieutenant-Governor has much pleasure in acknowledg-
 ing the services rendered by Mr. Pedler and during his absence by Mr. Slater as
 Director of the Department of Public Instruction.

By order of the Lieutenant-Governor of Bengal,

W. C. MACPHERSON,

Offg. Secretary to the Govt. of Bengal.

LIBERALITY OF NAWAB SALIMULLA BAHADUR OF DACCA.

No. 3546Medl., dated Calcutta, the 22nd December 1902.

From—H. C. WOODMAN, Esq., Under-Secy. to the Govt. of Bengal, Municipal Dept.,
To—The Commissioner of the Dacca Division.

I AM directed to acknowledge the receipt of your memorandum No. 1584G., dated the 8th December 1902, with which you forward a copy of a letter from the Superintendent of the Mitford Hospital, Dacca, reporting that Nawab Salim-ulla Bahadur has given a donation of Rs. 5,000 for the erection of a female ward in that institution to be called "Asmutonessa Female Ward."

2. In reply, I am to request that you will be so good as to convey to the donor the thanks of Government for his liberality. An extract from this letter will be published in the *Calcutta Gazette*.

**DONATIONS AND ENDOWMENTS MADE BY PRIVATE INDIVIDUALS
FOR PUBLIC PURPOSES AND WORKS OF PUBLIC UTILITY
DURING THE YEAR 1901.**

MUNICIPAL DEPARTMENT—MUNICIPAL.

Calcutta, the 23rd December 1902.

RESOLUTION—No. 3580M.

THE Acting Lieutenant-Governor has much pleasure in publishing, for general information, the accompanying statement of gifts that were made for public purposes during the year 1901. The sums contributed are shown against the names of the donors, and His Honour avails himself of this opportunity to express his thanks for the liberality and public spirit which have been displayed by them. The large amounts contributed for tanks in the Mymensingh, Rajshahi, Tippera, Dinajpur, Bhagalpur and Darbhanga districts are specially noticeable.

2. The following are the most important gifts of the year included in the statement:—

Rani Hemanta Kumari Debi of Puthia gave Rs. 30,000 for the construction of a boarding-house for college students at Rampur Boalia and also Rs. 7,000 for the excavation of three tanks in the district of Rajshahi: Kumar Rameswar Malia made a handsome donation of Rs. 20,000 for a Veterinary Dispensary at Howrah: Messrs. Burn and Co. of Howrah gave Rs. 22,000 for a culvert drain at Ramkrishnapur; and Babu Baijnath Goenka contributed Rs. 15,000 towards the drainage scheme of the town of Monghyr.

The late Nawab Sir Khwaja Ahsanullah Bahadur, K.C.I.E., made a donation of Rs. 15,000 for a hospital building at Patuakhali in the district of Backergunge: Maharani Sarat Sundari Barmani of Tajhat gave Rs. 12,000 for the construction of a female ward in connection with the new dispensary at Nawabganj in the town of Rangpur: Babu Jadab Lal Banerjee contributed Rs. 12,000 for a house for a High English School at Labpur in the district of Birbhum.

3. The Acting Lieutenant-Governor is also pleased to notice the following donations:—

Babu Ugar Mal Jawahir Mal and the Maharaja of Darbhanga gave Rs. 10,000 each for the construction of dharamsalas at Ram Chowk and Harahi in the district of Darbhanga. The late Mr. Walter Thompson of Beheea bequeathed Rs. 9,060 for the establishment and maintenance of a scholarship of Rs. 7-8 per mensem to be called the "Walter Thompson Female Scholarship" tenable for two years and awardable every year at the Campbell Medical School, Sealdah. The scholarship was founded during the year. Babu Ram Lal Mukerji made a donation of landed property yielding an annual income of Rs. 880 for the purpose of re-excavating one tank every year in the district of Hooghly. Babu Nanda Lal Gorai gave Rs. 9,000 for a school building at Chirkanda in the district of Manbhum. Babu Girdhari Lal Marwari gave Rs. 7,000 for a dharamsala at Colgong in the district of Bhagalpur; and Raja Thakur contributed Rs. 6,000 for a similar institution at Balbhadrapur in the district of Darbhanga. Babu Chogmall Sukhani gave Rs. 8,000 for the construction of dharamsalas and wells at Siliguri and Darjeeling.

Prithu Singh Sardar gave Rs. 6,000 for a public serai and a house at Sukiapukri in Darjeeling. Janki Pandey gave Rs. 6,000 for a tank at Manipur in the district of Shahabad.

Order.—Ordered that a copy of this Resolution and the statement be forwarded to the Judicial, Political, Appointment, Revenue, General, Financial, Legislative, Marine, and Public Works Departments of this Government for information.

Ordered also that a copy of this Resolution and the statement be forwarded to the Board of Revenue, the Inspector-General of Civil Hospitals, the Sanitary Board and to all Commissioners of Divisions for information.

Ordered also that the Resolution and the statement be published in the Supplement to the *Calcutta Gazette* for general information.

By order of the Lieutenant-Governor of Bengal,

E. W. COLLIN,

Offg. Secretary to the Govt. of Bengal.

Annual statement of works of public utility constructed by private individuals during the year 1901.

DIVISION.	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
				Rs. A. P.	Rs. A. P.	Rs. A. P.
BURDWAN.	Burdwan ...	Babu Banawari Panja ...	Re-excavation of a tank at Shatnundy, police-station Galsi.	2,000 0 0		
		„ Bakreswar Ta ...	Excavation ditto at Kulchanda, police-station Sahebganj.	1,500 0 0		
		„ Kandarpa Sarkar ...	Ditto ditto at Khandra, police-station Raniganj.	1,500 0 0		
		Syed Maulvi Nizam Hossen Khan...	Ditto ditto at Kaksha, police-station Kaksha.	1,108 0 0		
		Works costing less than Rs. 1,000 each.	.....	3,716 0 0		
	Birbhum ...	Babu Jadab Lal Banerji ...	Entrance school house at Labpur, police-station Labpur.	12,000 0 0		
		„ Tarini Prosad Roy ...	Re-excavating a tank at Khudrapur, police-station Bolpur.	1,000 0 0		
		„ Ram Prosad Roy ...	Ditto ditto ditto	1,000 0 0		
		Works costing less than Rs. 1,000 each.	.....	1,500 0 0		
					15,500 0 0	
	Midnapore	Babu Ghana Syam Bhanja, of Amorda, police-station Gopiballavpur.	Excavation of a tank at Amorda, police-station Gopiballavpur.	1,000 0 0		
		„ Din Doyal Agasti, of Garhbeta	Ditto of a bund at Pelty, police-station Garhbeta.	2,500 0 0		
		Raja Norendra Lal Khan	Sinking of a well at Mirzabazar, town Midnapore	1,000 0 0		
		Babu Murari Mohon Das, of Samdasbar.	Excavation of a tank at Samdasbar, police-station Contai.	1,500 0 0		
		Works costing less than Rs. 1,000 each.	.....	9,316 0 0		
	Hooghly ...	Babu Ram Lal Mukerjee	Re-excavation of one tank every year in the district of Hooghly.	Landed property yielding an annual rent of. 880 0 0	15,316 0 0	
		Works costing less than Rs. 1,000 each	.....	850 0 0		
		Kumar Rameswar Malia	Veterinary Dispensary at Grand Trunk Road, Howrah.	20,000 0 0	1,730 0 0	
		„ Bhajan Lal Lohia ...	Ditto ditto ditto	5,000 0 0		
		The Howrah Society for the Prevention of Cruelty to Animals.	Ditto ditto ditto	4,000 0 0		
	Howrah ...	Babu Baroda Prosad Basu, of Maju...	For the maintenance of the English School at Maju.	3,000 0 0		
		Rai Mohan Lal Khettri Bahadur ...	Ditto ditto ditto	1,500 0 0		
		Babu Modhu Prosad Halmosya ...	Ditto ditto ditto	1,000 0 0		
		Babu Iswar Chandra Hazra	Construction of an indoor ward attached to the Iswar Chunder Hazra Dispensary, Amragori.	* 4,000 0 0		
		Babu Kali Charn Saha ...	Metalling first mile of the Andul-Ekabborpur road	* 3,000 0 0		
		Messrs. Burn & Co., of Howrah	Culvert drain at rice gola at Ramkrishnapur	22,000 0 0		
		Works costing less than Rs. 1,000 each	.....	1,850 0 0		
					65,350 0 0	
	Bankura ...	Chaudhuri Mahedar Rahaman	Founding an outdoor Charitable Dispensary at Roll for the relief of the poor.	Rs. 100 a month for the maintenance of the dispensary plus Rs. 300 for the purchase of instruments.		
		Works costing less than Rs. 1,000 each.	.....	500 0 0		
					800 0 0	
	Calcutta ...	Donations of less than Rs. 1,000	.....	475 0 0		1,08,520 0 0
					475 0 0	

* Exact amount could not be ascertained.

Division.	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
				Rs. A. P.	Rs. A. P.	Rs. A. P.
Presidency.	24-Parganas	Munshi Naser Mandal, of Rajapur ...	A public mosque at Rajapur, in the Barasat sub-division.	1,000 0 0		
		Prasanna Kumar Bose, of Rajpur ...	A pukka building at the public burning ghât and other minor improvements in the Rajpur Municipality.	2,000 0 0		
		Anglo-Indian Jute Mills Company, Ltd.	Water-works, with filter and hydrants, placed outside the mill premises in the Bhatpara Municipality.	4,000 0 0		
		Kankinara Jute Mills Company, Ltd.	A cross-road joining the District Board road with the river and a pukka side-drain at Kankinara in the Bhatpara Municipality.	4,000 0 0		
		Works costing less than Rs. 1,000 each	.....	4,934 0 0		
	Murshidabad	Works costing less than Rs. 1,000 each.	.....	500 0 0	15,934 0 0	
		Srimati Joydurga Dasi, of Boalmari...	Excavation of a tank at Chandrabash	2,000 0 0		
	Nadia	Ram Pado Saguri, of Tehatta ...	Ditto ditto Tehatta ...	4,000 0 0		
		Narendra Narayan Sinha and his two brothers, of Saddarpur.	Ditto ditto Katlamari ...	1,500 0 0		
		Bakso Molla, Ananda Molla, and Babu Molla.	Ditto ditto Nagorkoya ...	2,000 0 0		
		Works costing less than Rs. 1,000 each.	.....	5,930 0 0		
	Jessore	Biseswar Datta ...	A road from Bhatpara to Rakhali ...	1,500 0 0	15,430 0 0	
		Drajtulla Biswas ...	Excavation of a tank at Kadamtolla ...	1,100 0 0		
		Ebrahim Faquir ...	Ditto ditto Ektarpur ...	1,900 0 0		
		Kshitish Chandra Deb Roy ...	Excavation of a khal extending from Dakshinbilla to Chandali, and connecting it with the bhal near Jaragram in the Jhenidah police-station.	1,000 0 0		
		Raja Promotho Bhushan Deb Ray ...	Excavation of a tank at Magura ...	1,400 0 0		
		Works costing less than Rs. 1,000 each	...	5,400 0 0	12,300 0 0	
	Khulna	Panchanan Mistri ...	A tank at Sivanundakati ...	1,100 0 0		
		Shekh Kermatulla ...	Ditto Labsha ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	5,290 0 0	7,390 0 0	1,01,554 0 0
	Dacca	Sadar Khan Bepari and Haji Mia Khan.	Mosque at Amrabagh, Joydebpur ...	1,745 0 0		
		Malu Shaw ...	" at Napara ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	3,206 0 0	5,951 0 0	
	Mymensingh	Govinda Chandra Majumdar ...	Tank at Khairath ...	1,000 0 0		
		Tripura Sundari Ray, widow of the late Babu Mohini Mohan Ray, Pleader, High Court.	Rest-house for travellers in connection with a Temple, Bethur.	1,200 0 0		
		Ruhini Kanta Bhattacharjee ...	Tank at Pas-Bikramhali ...	1,200 0 0		
		Works costing less than Rs. 1,000 each.	Excavation of tank etc. ...	32,168 0 0	35,568 0 0	
		Ram Chandra Pal ...	Tank at Kalikepur ...	1,000 0 0		
	Faridpur	Bhadoo Pramanik ...	Ditto Birahimpur ...	1,000 0 0		
		Rai Sahab Ratnamoni Gupta ...	For the support of the "Ratnamoni Victoria Pathshala" established in his native village Kuarpur.	1,000 0 0		
		Works costing less than Rs. 1,000 each.	Excavation of tank etc. ...	20,045 0 0	23,045 0 0	
	Backergunge.	Salimuddi Bepari ...	Tank at Neamatpur ...	1,200 0 0		
		Nawab Sir Khwaja Asanullah Bahadur, K.C.I.E.	Hospital building at Patuakhali ...	15,000 0 0		
		Works costing less than Rs. 1,000 each.	.....	875 0 0	17,075 0 0	81,639 0 0

* Rupees 2,245 was the cost, of which Rs. 1,745 was paid by Sadar Khan Bepari and his brother, Haji Mia Khan; the remaining Rs. 500 was paid by the general public.

Annual statement of works of public utility constructed by private individuals during the year 1901.

DIVISION.	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
				Rs. A. P.	Rs. A. P.	Rs. A. P.
BURDWAN.	Burdwan ...	Babu Banawari Panja ...	Re-excavation of a tank at Shatnundy, police-station Galsi.	2,000 0 0		
		" Bakreswar Ta ...	Excavation ditto at Kulchanda, police-station Sahebganj.	1,500 0 0		
		" Kandarpa Sarkar ...	Ditto ditto at Khandra, police-station Raniganj.	1,500 0 0		
		Syed Maulvi Nizamat Hossen Khan...	Ditto ditto at Kaksha, police-station Kaksha.	1,108 0 0		
		Works costing less than Rs. 1,000 each.	.....	3,716 0 0	9,824 0 0	
	Birbhum ...	Babu Jadab Lal Banerji...	Entrance school house at Labpur, police-station Labpur.	12,000 0 0		
		" Tarini Prosad Roy ...	Re-excavating a tank at Khudrapur, police-station Bolpur.	1,000 0 0		
		" Ram Prosad Roy ...	Ditto ditto ditto ...	1,000 0 0		
		Works costing less than Rs. 1,000 each.	.....	1,500 0 0	15,500 0 0	
	Midnapore	Babu Ghana Syam Bhanja, of Amorda, police-station Gopiballavpur.	Excavation of a tank at Amorda, police-station Gopiballavpur.	1,000 0 0		
		" Din Doyal Agasti, of Garhbeta	Ditto of a bund at Pelti, police-station Garhbeta.	2,500 0 0		
		Raja Norendra Lal Khan ...	Sinking of a well at Mirzabazar, town Midnapore	1,000 0 0		
		Babu Murari Mohon Das, of Samdasbar.	Excavation of a tank at Samdasbar, police-station Contai.	1,500 0 0		
		Works costing less than Rs. 1,000 each.	.....	9,316 0 0	15,316 0 0	
	Hooghly ...	Babu Ram Lal Mukerjee ...	Re-excavation of one tank every year in the district of Hooghly.	Landed property yielding an annual rent of. 880 0 0		
		Works costing less than Rs. 1,000 each	.....	850 0 0	1,730 0 0	
		Kumar Rameswar Malia ...	Veterinary Dispensary at Grand Trunk Road, Howrah.	20,000 0 0		
	Howrah ...	" Bhajan Lal Lohia ...	Ditto ditto ditto ...	5,000 0 0		
		The Howrah Society for the Prevention of Cruelty to Animals.	Ditto ditto ditto ...	4,000 0 0		
		Babu Baroda Prosad Basu, of Maju...	For the maintenance of the English School at Maju.	3,000 0 0		
		Rai Mohan Lal Khettri Bahadur ...	Ditto ditto ditto ...	1,500 0 0		
		Babu Modhu Prosad Halmosya ...	Ditto ditto ditto ...	1,000 0 0		
		Babu Iswar Chandra Hasra ...	Construction of an indoor ward attached to the Iswar Chunder Hasra Dispensary, Amragori.	* 4,000 0 0		
		Babu Kali Charn Saha ...	Metalling first mile of the Andul-Ekabborpur road	* 3,000 0 0		
		Messrs. Burn & Co., of Howrah ...	Culvert drain at rice gola at Ramkrishnapur	22,000 0 0		
		Works costing less than Rs. 1,000 each	.....	1,850 0 0	65,350 0 0	
	Bankura ...	Chaudhuri Mahedar Rahaman ...	Founding an outdoor Charitable Dispensary at Roll for the relief of the poor.	Rs. 100 a month for the maintenance of the dispensary plus Rs. 300 for the purchase of instruments.		
		Works costing less than Rs. 1,000 each.	.....	500 0 0	800 0 0	
	Calcutta ...	Donations of less than Rs. 1,000 ...	.....	475 0 0	475 0 0	1,08,620 0 0

* Exact amount could not be ascertained.

DIVISION.	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
				Rs. A. P.	Rs. A. P.	Rs. A. P.
PRESIDENCY.	24-Parganas	Munshi Naser Mandal, of Rajapur ...	A public mosque at Rajapur, in the Barasat sub-division.	1,000 0 0		
		Prasanna Kumar Bose, of Rajpur ...	A pukka building at the public burning ghât and other minor improvements in the Rajpur Municipality.	2,000 0 0		
		Anglo-Indian Jute Mills Company, Ltd.	Water-works, with filter and hydrants, placed outside the mill premises in the Bhatpara Municipality.	4,000 0 0		
		Kankinara Jute Mills Company, Ltd.	A cross-road joining the District Board road with the river and a pukka side-drain at Kankinara in the Bhatpara Municipality.	4,000 0 0		
		Works costing less than Rs. 1,000 each	.....	4,934 0 0		
	Murshidabad	Works costing less than Rs. 1,000 each.	.....	500 0 0	15,934 0 0	
		Srimati Joydurga Dasi, of Boalmari...	Excavation of a tank at Chandrabash	2,000 0 0	500 0 0	
	Nadia	Ram Pado Saguri, of Tehatta ...	Ditto ditto Tehatta ...	4,000 0 0		
		Norendra Narayan Sinha and his two brothers, of Saddarpur.	Ditto ditto Katlamari ...	1,500 0 0		
		Baksu Molla, Ananda Molla, and Babu Molla.	Ditto ditto Nagorkoya ...	2,000 0 0		
		Works costing less than Rs. 1,000 each.	.....	5,930 0 0		
					15,430 0 0	
	Jessore	Biseswar Datta ...	A road from Bhatpara to Rakbali ...	1,500 0 0		
		Drajtulla Biswas ...	Excavation of a tank at Kadamtolla ...	1,100 0 0		
		Ebrahim Faquir ...	Ditto ditto Ektarpur ...	1,900 0 0		
		Kshitish Chandra Deb Roy ...	Excavation of a khal extending from Dakshinbilla to Chandali, and connecting it with the bhal near Jaragram in the Jhenidah police-station.	1,000 0 0		
		Raja Promotho Bhushan Deb Ray ...	Excavation of a tank at Magura ...	1,400 0 0		
	Khulna	Works costing less than Rs. 1,000 each	.....	5,400 0 0		
		Panchanan Mistri ...	A tank at Sivanundakati ...	1,100 0 0	12,300 0 0	
		Shekh Kermatulla ...	Ditto Labsha ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	5,290 0 0	7,390 0 0	
						1,01,554 0 0
	Dacca	Sadar Khan Bepari and Haji Mia Khan.	Mosque at Amrabagh, Joydebpur ...	* 1,745 0 0		
		Malu Shaw ...	" at Napara ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	3,206 0 0	5,951 0 0	
	Mymensingh	Govinda Chandra Majumdar ...	Tank at Khairath ...	1,000 0 0		
		Tripura Sundari Ray, widow of the late Babu Mohini Mohan Ray, Pleader, High Court.	Rest-house for travellers in connection with a Temple, Bethur.	1,200 0 0		
		Ruhini Kanta Bhattacharjee ...	Tank at Pas-Bikrambali ...	1,200 0 0		
		Works costing less than Rs. 1,000 each.	Excavation of tank etc. ...	32,168 0 0	85,568 0 0	
		Ram Chandra Pal ...	Tank at Kalikepur ...	1,000 0 0		
	Faridpur	Bhadoo Pramanik ...	Ditto Birahimpur ...	1,000 0 0		
		Rai Saheb Ratnamoni Gupta ...	For the support of the "Ratnamoni Victoria Pathshala" established in his native village Kuarpur.	1,000 0 0		
		Works costing less than Rs. 1,000 each.	Excavation of tank etc. ...	20,045 0 0	23,045 0 0	
	Backergunge.	Salimuddi Bepari ...	Tank at Neamatpur ...	1,200 0 0		
		Nawab Sir Khwaja Asanullah Bahadur, K.C.I.E.	Hospital building at Patuakhali ...	15,000 0 0		
		Works costing less than Rs. 1,000 each.	.....	875 0 0	17,075 0 0	81,639 0 0

* Rupees 2,245 was the cost, of which Rs. 1,745 was paid by Sadar Khan Bepari and his brother, Haji Mia Khan; the remaining Rs. 500 was paid by the general public.

DIVISION.	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
				Rs. A. P.	Rs. A. P.	Rs. A. P.
		Rani Hemanta Kumari Debi	Boarding-house for College students, Rampur Boalia.	30,000 0 0		
		Ditto	Tank at Puthia, police-station Puthia	3,000 0 0		
		Ditto	Ditto Dalooabari, ditto Manda	2,500 0 0		
		Ditto	Ditto Kaligaon, ditto do.	1,500 0 0		
		Madhu Fakir	Ditto Bhatpara, ditto Charchat	1,000 0 0		
		Anath Nath Moitra	Ditto Krishnapur, ditto Puthia	1,800 0 0		
		Arfin Bewa	Ditto Sidhair, ditto Tanor	1,000 0 0		
		Prasanno Kumar Bhattacharya	Ditto Sridharpur, ditto Nator	2,000 0 0		
		Anath Nath Choudhury	Ditto Tebari, ditto do.	1,000 0 0		
		Gokul Chandra Bagchi	Ditto Govindnagar, ditto do.	2,000 0 0		
		Gokul Shaha	Ditto Gobindpur, ditto do.	1,000 0 0		
		Kushi Mandal	Ditto Kumulla, ditto Baraigram	1,000 0 0		
		Araj Sirkar	Ditto Nischintapur, ditto ditto	2,500 0 0		
		Gagan Sarkar	Ditto Natabaria, ditto ditto	1,100 0 0		
		Rani Syama Sundari Choudhurani and Uma Sundari Choudhurani.	Ditto Dubalhati	5,000 0 0		
		Idoo Mandal	Ditto Sajadpur, ditto Naogaon	1,000 0 0		
		Nedu Paramanick	Ditto Chandipur, ditto ditto	2,000 0 0		
		Khater Ahmed Mandal	Ditto Chakram, ditto ditto	1,500 0 0		
		Kaloo Pramanick	Ditto Par Anathpur, ditto Manda	1,000 0 0		
		Achanu Ghosh	Ditto Kanchan, ditto do.	1,100 0 0		
		Mohim Chandra Saha	Ditto Shibganj, ditto Mohadebpur	1,000 0 0		
		Hara Kumar Mandal	Ditto Sidhipur, ditto ditto	1,000 0 0		
		Chhomiruddin Sardar	Ditto Harshi, ditto ditto	1,191 0 0		
		Works costing less than Rs. 1,000 each	Excavation of tanks, etc.	16,969 0 0	83,160 0 0	
		Gopal Krishna Das	Public road from Habra to Bhawanipur, police-station Parbatipur.	2,500 0 0		
		Krishna Hari Bairagi	Tank at Patiram, police-station Patiram	1,008 0 0		
		Ati Mandal	Ditto Sambhupur, ditto Patnitala	1,000 0 0		
		Binanda Mandal	Ditto Sukrail, ditto Porsa	1,000 0 0		
		Manglu Mandal	Ditto Satahar, ditto do.	1,000 0 0		
		Dola Mandal	Ditto Malipur, ditto do.	1,000 0 0		
		Kalinath Chakravartty	Ditto Chahera, ditto do.	1,100 0 0		
		Ahadi Mandal	Ditto Ghatnagar, ditto do.	1,000 0 0		
		Works costing less than Rs. 1,000 each		12,069 0 0	21,677 0 0	
		Works costing less than Rs. 1,000 each	Excavation of tanks, etc.	197 0 0	197 0 0	
		Local Planters per Revd. J. A. Graham	A minor school for orphans	5,000 0 0		
		Prithu Singh Sardar	A public serai, Sukiapukri	6,000 0 0		
		Chhogmall Sukhani	Dharamsala and pukka well, Siliguri	2,000 0 0		
		Ditto	Dharamsala with two houses and pukka wells, Darjeeling.	6,000 0 0	19,000 0 0	
		Maharani Sarat Sundari Barmani, of Tajhat.	For the construction of a female ward in connection with the new dispensary at Nawabganj in the town of Rangpur.	12,000 0 0		
		Works costing less than Rs. 1,000 each		2,500 0 0	15,500 0 0	
		Eearutulla Mandal	Tank at Bombagram, police-station Panahbibi	1,000 0 0		
		Works costing less than Rs. 1,000 each		3,700 0 0	4,700 0 0	

DIVISION.	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
RAJSHAHI—continued.	Patna	Badiram Saha ...	Tank at Kazipur, police-station Dulai ...	Rs. A. P. 3,000 0 0	Rs. A. P. 11,825 0 0	Rs. A. P. 1,56,059 0 0
		Chandranath Kundu ...	Ditto Bhawanipur, outpost Sujanagar ...	2,000 0 0		
		Sriramchandra Sarkar ...	Ditto Chakserai, ditto ditto ...	1,500 0 0		
		Arajdi Sheik ...	Ditto Ag Goytha, police-station, Ullapara ...	1,100 0 0		
		Works costing less than Rs. 1,000 each	.....	4,225 0 0	
PATNA.	Patna	Syed Muhammed Mahdi Hussain Khan <i>alias</i> Syed Badshah Nawab of Patna.	For a scholarship of Rs. 5 a month to be annually awarded to the best Shia student of the Patna Collegiate School who may successfully pass the school examination and be promoted to the Entrance class of the institution, and for a silver medal of Rs. 15 to be awarded every year to the Muhammadan student of the Patna Collegiate School, of the Shia sect, who shall pass the Entrance examination of the Calcutta University with the highest number of marks.	2,500 0 0	Rs. A. P. 37,714 0 0	
		Ditto ditto ...	For a scholarship of Rs. 5 a month to be annually awarded to the Muhammadan student of the Patna Collegiate School, of the Shia sect, who shall in each year pass the Entrance examination of the Calcutta University with the highest number of marks.	2,000 0 0		
	Gaya	Syed Shah Kamal ...	Towards the fund for the relief of people rendered destitute by the plague.	2,000 0 0		
		Donations for less than Rs. 1,000 each	.....	2,493 0 0	
		Works costing less than Rs. 1,000 each	.....	3,785 0 0	
	Shahabad	Phagu Gosain Gir ...	A tank at Gardhar Baraon ...	1,000 0 0		
		Lochan Chowbey ...	Ditto Parmanpur ...	1,000 0 0		
		Paryag Dass ...	Ditto Rewatia ...	1,000 0 0		
		Janki Pandey ...	Ditto Manipur ...	6,000 0 0		
	Saran	The late Mr. Walter Thompson, of Beheea.	For the establishment and maintenance of a scholarship of Rs. 7-8 per mensem, to be called the "Walter Thompson Female Scholarship," tenable for two years and awardable every year at the Campbell Medical School, Sealdah.	9,060 0 0		
		Works costing less than Rs. 1,000 each	.....	8,560 0 0	
		Ami Sahi and Hargobind Saho, of Mahamedpur, police-station Manjhi.	A tank at Begaha ...	4,000 0 0		
		Musamat Ram Autar Kuer, widow of Babu Raghu Nandan Persad, zamindar of Muzaffarpur.	Ditto Peous ...	4,000 0 0		
	Champanan	Nakkehhd Hajjam, of Chainpurwa, police-station Masrakh.	Mosque at Chainpurwa ...	3,000 0 0		
		Manager, Raj Hathwa ...	Five wells at Siripur ...	5,000 0 0		
		Mahabir Das Sadhoo, of Deaurwa, outpost Kuchaikote.	One bridge at Deaurwa in Jhirhinaddi ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	20,714 0 0	
	Muzaffarpur	Doma Mahton Koeri ...	A tank at Narirgir ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	8,002 0 0	
	Darbhanga	Mulukrani Kuer ...	One pond at Bhatandi ...	2,000 0 0		
		Works costing less than Rs. 1,000 each	.....	16,787 0 0	
	Darbhanga	Manoo Rout ...	A tank at Dadhia ...	2,000 0 0		
		Bhagloo Ram Missir ...	Ditto Manupur ...	2,000 0 0		
		Harihar Singh ...	Ditto Narayanpur ...	1,000 0 0		
		The Maharaja of Darbhanga	Dharamsala at Harahi ...	10,000 0 0		
		Ugar Mal Jawahir Mal ...	Ditto Ramechowk ...	10,000 0 0		
		Raja Thakur ...	Dharamsala at Balbhaderpur ...	6,000 0 0		
		Chander Narayan ...	A tank at Siruri ...	3,000 0 0		

Division.	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
				Rs. A. P.	Rs. A. P.	Rs. A. P.
PAINA—concl'd.	Darbhanga concl'd.—	Hira Lal Thakur and Gopal Thakur	A tank at Fatehpur	1,000 0 0		
		Soobaran Koeri	Ditto Lowfoha	1,000 0 0		
		Mannoo Gope	Ditto Birpur	1,000 0 0		
		Hirai Saboo Teli	Ditto Gidhwas	1,250 0 0		
		Musahroo Mandar	Ditto Palwahi	1,200 0 0		
		Lali Sahu	Ditto Damoo	1,000 0 0		
		Nakohhedi Naek, son of Nanoo Naek	Ditto Sahar	1,000 0 0		
		Works costing less than Rs. 1,000 each	Excavation of tanks, etc.	16,145 0 0		
					57,595 0 0	1,62,495 0 0
BHAGALPUR.	Monghyr ...	Babu Tuka Nath Singh	Tank at Burhea, police-station Lakhisarai ...	3,700 0 0		
		" Puchan Chaudhuri	Ditto Dhopai, ditto Kharagpur ...	1,000 0 0		
		" Bukhi Bunyal Bania	Well at Jitwarpur, ditto Kharagpur ...	1,500 0 0		
		Rai Camaleshwari Pershad Singh Bahadur.	For the equipment of the Lady Mackenzie Zanaana Hospital, Monghyr.	1,000 0 0		
		Ditto ditto	Towards the scheme for the drainage of the town of Monghyr.	3,000 0 0		
		Babu Baijnath Goenka	Ditto ditto	15,000 0 0		
		Works costing less than Rs. 1,000 each	.....	10,690 0 0		
					35,890 0 0	
BHAGALPUR.	Bhagalpur	Mohashay Tarak Nath Ghose	Embankment at Rampur, police-station Amarpur	2,359 0 0		
		Babu Baijnath Tewari	Tank at Sihuri, police-station Amarpur ...	3,475 0 0		
		" Behari Sahu	Ditto Banurouti, ditto Madhipura ...	1,800 0 0		
		" Peary Kumhar	Ditto Seoni, ditto Supaul ...	1,800 0 0		
		" Raj Kumar Singh	Ditto Konoali, ditto ditto ...	1,000 0 0		
		" Buchhi Poddar	Ditto Dubiahi, ditto Pertabganj ...	1,000 0 0		
		Girdhari Lal Marwari	Dharamsala at Colgong	7,000 0 0		
		Works costing less than Rs. 1,000 each	Excavation of tanks, etc.	14,347 0 0		
					32,781 0 0	
ORISSA.	Purnea ...	Babu Chaman Misser	Tank at Sunarbani, police-station Raniganj ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	6,815 0 0	7,815 0 0	
	Malda ...	Taroo Mandal	Tank at Olander, police-station Gajole ...	1,000 0 0		
		Works costing less than Rs. 1,000 each	.....	700 0 0	1,700 0 0	
	Sonthal Parganas.	Nankar Sankara Ward's Estate	Construction of two dams at Duhdia and Gando ...	2,122 0 0		
		Babu Bijoy Narain Kundu	Dharamsala at Madhupur	5,000 0 0		
		Works costing less than Rs. 1,000 each	.....	2,164 0 0	9,286 0 0	87,472 0 0
	Cuttack ...	Works costing less than Rs. 1,000 each	.....	5,126 0 0	5,126 0 0	
		Balasore ...	Works costing less than Rs. 1,000 each	3,287 0 0	3,287 0 0	
		Puri ...	Works costing less than Rs. 1,000 each	1,080 0 0	1,080 0 0	9,493 0 0

DIVISION	District.	Name of Donor.	Purpose.	Amount.	Total of District.	Grand Total of Division.
1	2	3	4	5	6	7
				Rs. A. P.	Rs. A. P.	Rs. A. P.
CHITTAGONG.	Tippera	Ram Sunder Roy and Brojendra Kumari Roy.	A tank at Saheberdi, police-station Daudkandi ...	1,200 0 0		
		Amani ...	Ditto Dori Mohimpur, police-station Daudkandi.	1,000 0 0		
		Munshi Gazi ...	A mosque at Rohimpur, police-station Murad-nagar.	1,700 0 0		
		Apsaruddin Chaudhuri ...	A mosque at Kanikara, ditto Nabinagar	3,000 0 0		
		Mohini Kishore Roy ...	Entrance school at Syamgram, ditto ditto ...	3,000 0 0		
		Ram Lochan Saha ...	A tank at ditto ditto ditto ...	1,500 0 0		
		Modan Mohan Saha ...	Ditto Bitghar ditto ditto ...	2,000 0 0		
		Ramjuddi ...	Ditto Moheshpur, ditto ditto ...	1,000 0 0		
		Ram Kanai Guha ...				
		Jagat Bandhu Guha ...	Ditto Paikpara, thana Chandpur ...	2,000 0 0		
		Nabakumar Guha ...				
		Bepin Behari Guha ...				
		Works costing less than Rs. 1,000 each	Excavation of tanks etc. ...	44,250 0 0	60,650 0 0	
	Noakhali	Works costing less than Rs. 1,000 each	.....	3,383 0 0	3,383 0 0	
	Chittagong	Raja Srinath Ray of Dacca and his brothers, Babu Janaki Nath Ray and Babu Sitanath Ray.	For the improvement of the water-supply in the Sitakund Bazar.	5,000 0 0		
		Works costing less than Rs. 1,000 each	.....	1,300 0 0	6,300 0 0	
						70,333 0 0
CHOTA NAGPUR.	Hazaribagh...	Works costing less than Rs. 1,000 each	.....	405 0 0	405 0 0	
	Palamau ...	Ditto ditto ...	.....	475 0 0	475 0 0	
	Manbhum...	Ram Natu Rai ...	A tank at Domorkunda, police-station Nirsha ...	3,000 0 0		
		Nanda Lal Gorai ...	A school building at Chirkanda, police-station Niraha.	9,000 0 0		
		Works costing less than Rs. 1,000 each	.....	7,001 0 0	19,001 0 0	
	Singhbhum...	Works costing less than Rs. 1,000 each	.....	895 0 0	895 0 0	
						20,776 0 0
			Grand Total	...	...	7,48,817 0 0

WEATHER AND CROP REPORT.

For the week ending the 22nd December 1902.

Burdwan.—Rainfall at Sadar 0·08. Weather cold and cloudy. Harvesting of *aman* continues. Condition of other standing crops fair. Fodder and water sufficient. No cattle-disease. Common rice sells at 11 seers per rupee.

Birbhum.—Rainfall nil. Weather seasonable. Harvesting of winter paddy going on. *Rabi* crop promising. Coarse rice sells at 13½ seers per rupee.

Bankura.—Rainfall at Sadar nil. Weather seasonable. Harvesting of paddy nearly finished. Fodder and water sufficient. Common rice selling at 14 seers a rupee.

Midnapore.—No rain till last night. Weather cold and cloudy. Harvesting of winter rice continues. State of *rabi* crops fair. Fodder and water sufficient. Cattle-disease reported from Garhbeta thana. Common rice sells as follows:—

			Srs.	ch.	
Sadar	13 0	} per rupee.
Contai	15 0	
Tamluk	11 0	
Ghatal	12 8	

Hooghly.—Rainfall nil. Weather seasonable. Prospect of standing crops fair. Fodder and water sufficient. Common rice sells as follows:—

			Srs.	ch.	
Sadar	10 0	} per rupee
Serampore	10 0	
Arambagh	10 12	

Howrah.—No rain during the last week. Weather cold. Harvesting of winter rice continues. Sugarcane doing well. Cultivation of *rabi* crops in progress. The condition of cattle good. Supply of fodder and water sufficient. Price of coarse rice is 11 seers per rupee.

24-Parganas.—Rainfall at Sadar 0·60, Barasat nil, Basirhat nil. Diamond Harbour report not received. Weather cool. Moderate showers of rain in the Sadar. State and prospect of crops fair. Sowing of *rabi* over. Harvesting of *aman* continues and that of mustard commenced in Basirhat. Common rice sells at 11 seers; in Basirhat at 13 seers per rupee. Condition of cattle good. Supply of fodder and water sufficient.

Nadia.—Rainfall at Sadar 0·05, elsewhere nil. Weather cold. Harvesting of *aman* paddy, *mug* and *kalai* continues. Standing crops fair, but at Chuadanga and Meherpur more rain is required. Fodder and water sufficient. No cattle-disease reported. Common rice sells as follows:—

			Srs.	ch.	
Sadar	13 0	} per rupee.
Ranaghat	12 0	
Chuadanga	13 0	
Kushtia	12 8	
Meherpur	11 5	

Murshidabad.—Harvesting of *haimanti* paddy continues. Prospect of *rabi* crops good except in Nabagram thana where some young plants destroyed by insects. No cattle-disease reported from anywhere. Fodder and water sufficient. Common rice sells as follows:—

			Srs.	ch.	
Sadar	11 0	} per rupee.
Kandi	15 8	
Jangipur	15 0	
Lalbagh	13 0	

Jessore.—Rainfall at Sadar 0·12. No rain in subdivisions. Prospect of crops fair. Weather cloudy. Fodder and water sufficient. Cattle-disease reported from Magura and Muhammadpur police-stations in Magura subdivision. Common rice sells as follows:—

			Srs.	ch.	
Sadar	12 0	} per rupee.
Bangaon	12 5	
Narail	12 5	
Magura	12 0	
Jhenida	12 0	

Khulna.—Rainfall at Sadar 0·18, Bagerhat nil, Satkhira nil. Weather seasonable, but a slight drizzle to-day. Harvesting of *aman* paddy and transplantation of *boro* continue. Fodder and water sufficient. Some cases of cattle-disease reported from Dumuria and Paikgachha. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	12 12	} per rupee.
Bagerhat	...	13 8	
Satkhira	...	11 8	

Rajshahi.—Weather cold and cludy. Prospects of standing crops good. Harvesting of *aman* paddy going on. Fodder and water sufficient. Condition of cattle good. Common rice selling at 13½ seers per rupee.

Dinajpur.—Rainfall nil. Weather seasonable. Harvesting of winter rice and cultivation of *rabi* crops going on. No cattle-disease. Fodder and drinking water plentiful. Rice selling at 13 seers per rupee.

Jalpaiguri.—Rainfall nil. Weather seasonable. Harvesting of *haimanti* paddy going on. Tobacco growing well. Common rice sells at 11½ seers a rupee. Fodder and water sufficient.

Darjeeling.—Rainfall nil. Weather seasonable. *Hills*—*Haimanti dhan*, *bara marua*, *jow*, barley, *kutai dal*, and *phaphar*, doing well. *Teral*—Reaping of *haimanti* paddy continues. Prospects of standing crops good. Coarse rice sells as follows:—

	Srs.	ch.	
Hills	...	9 0	} per rupee.
Teral	...	11 0	

Maize sells at Darjeeling at 16 seers and at Kalimpong at 18 seers per rupee.

Rangpur.—Rainfall nil. Weather seasonable. Harvesting of *aman* going on. Prospects of standing crops fair. Water and fodder sufficient. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	12 8	} per rupee.
Nilphamari	...	14 0	
Kurigram	...	10 8	
Gaibanda	...	12 0	

Bogra.—No rain. Weather seasonable. *Rabi* sowings and harvesting of winter rice going on. Prospects good. Fodder and water sufficient. Common rice sells at 16 seers per rupee.

Pabna.—Rainfall nil. Weather cool. Prospects of standing crops fair. Fodder and water sufficient. No cattle-disease. State of winter paddy fair. Common rice sells at Sadar at 14 seers and at Serajganj at 12 seers in the rupee.

Dacca.—Rainfall nil. Prospects of crops good. Weather seasonable. Fodder available. No cattle-disease. Common rice sells at 11½ seers per rupee.

Mymensingh.—Rainfall nil. Weather seasonable. Condition of crops good. Harvesting of winter rice continues. Fodder and water sufficient. No cattle-disease. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	14 8	} per rupee.
Kishorganj	...	13 0	
Jamalpur	...	14 8	
Netrakona	...	15 3	
Tangail	...	14 0	

Faridpur.—Rainfall at Sadar 0·02. Weather cold. Harvesting of *aman* crops continues. Prospects of crops good. Fodder available. No cattle-disease. Common rice sells at 13 seers a rupee.

Backergunge.—Rainfall at Sadar 13. Weather seasonable. Harvesting of *aman* continues. Prospects good. Fodder and water sufficient. Common *aman* (old) 11 seers and (new) 13 seers per rupee.

Tippera.—Rainfall at Sadar 0·1. Weather seasonable. Prospects of crops good. Harvesting of *aman* and sowing of *rabi* still continues. Fodder and water available. No cattle-disease. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	14 0	} per rupee.
Brahmanbaria	...	14 8	
Chandpur	...	11 0	

Noakhali.—Rainfall at Sadar 0·10. Weather cloudy. Prospects good. Harvesting of *aman* continues. No cattle-disease. Fodder and water sufficient. Common rice sells at Sadar at 13 seers and at Feni at 14 seers per rupee.

Chittagong.—No rain during the week. Cultivation of *rabi* crop is nearly over and reaping of *aman* crop going on. Water and fodder sufficient. Rice sells at 13 seers per rupee.

Chittagong Hill Tracts.—Rainfall nil. Weather cloudy. Harvesting of winter rice going on. *Rabi* sowings finished. Cattle-disease continues at Chandraghona. Rice sells at 11 seers per rupee.

Patna.—Rainfall nil. Weather cold. Paddy harvesting continues. *Rabi* doing well. Sugarcane being pressed. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	ch.	
Patna	...	15	8
Barh	...	16	0
Bihar	...	16	0
Dinapore	...	16	8

} per rupee.

Gaya.—Rainfall nil. Weather cloudy and cold. Harvesting of paddy continues. Rain wanted for the *rabi* crops. Fodder and water for cattle sufficient. Average price of common rice 15½ seers in the rupee.

Shahabad.—No rain. Paddy being harvested and sugarcane pressed. Poppy doing well. *Rabi* promising. Fodder and water abundant. Rice at Sadar 14 seers per rupee.

Saran.—Rainfall nil. Weather cold. Standing crops doing well. Harvesting of paddy nearly finished. Fodder and water sufficient. No cattle-disease. Common rice sells at 16 seers and maize at 28 seers per rupee at Chapra.

Champaran.—No rain. *Rabi* sowings nearly finished. Prospects good, but rain wanted for *rabi*. Threshing of paddy and sugarcane-pressing continue. No cattle-disease. Fodder and water sufficient. Common rice 18 seers, maize 29 seers.

Muzaffarpur.—Rainfall nil. Weather cool. Harvesting of winter rice approaching completion. Prospects of *rabi* crops good. Fodder and water sufficient. Common rice sells at 13 seers and maize at 29 seers per rupee.

Darbhanga.—Rainfall nil. Weather seasonable. Prospects of standing crops good. Harvesting of paddy in progress. Fodder and water sufficient. Cattle-disease is reported from thanas Darbhanga and Dalsing Serai. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	17	9
Samastipur	...	14	0
Madhubani	...	17	15

} per rupee.

Monghyr.—No rain. Weather seasonable. Harvesting of winter paddy going on. Pressing of sugarcane continues. Prospects of *rabi* crop good and of poppy hopeful. No cattle-disease. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	16	0
Begusarai	...	16	0
Jamui	...	14	0

} per rupee.

Bhagalpur.—Rainfall nil. Weather seasonable. Harvesting of winter crop still in progress. Fodder and water sufficient. Cattle-disease reported from Banka and Madhipura. Prospects of *rabi* crop favourable. Common rice sells per rupee as follows:—

	Srs.	ch.	
Sadar	...	15	2
Banka	...	16	4
Madhipura	...	19	0
Supaul	...	20	0

} per rupee.

Purnea.—No rain. Weather cold. *Rabi* crops doing well. Harvesting of winter rice going on. No cattle-disease. Fodder and water sufficient. Common rice sells at:—

	Srs.	ch.	
Sadar	...	Old	12 0
	...	New	14 0
Kishanganj	13 0
Araria	14 0

} per rupee.

Malda.—Rainfall nil. Weather seasonable. Harvesting of winter rice going on. Prospects of *rabi* crops good. No cattle-disease. No want of fodder and water. Common rice sells at 16 seers per rupee.

Sonthal Parganas.—Rainfall nil. Weather seasonable. Harvesting of winter rice continues. Sugarcane doing well and being pressed at Deoghar and Godda. *Rabi* crops wanting rain at Pakaur. Fodder and water sufficient. The market rate of common rice at Dumka is 16 seers.

Cuttack.—Rainfall at sadar 2'38, still raining. *Guru Sarad* being harvested. Prospects of *moong* so far not good. Fodder and water available. New common rice sells at Sadar at 15 seers and 12 chitaks per rupee.

Balasore.—Rainfall at Sadar 0'65. *Saradh* being harvested. Other crops doing well. Rice sells at 14 and 15 seers at Sadar and Bhadrak respectively. Fodder and water sufficient.

Angul.—Rainfall at Sadar 1'50 inches. Weather cloudy. Pressing of sugarcane continues. Cattle-disease reported from the interior. Common rice sells at 17 and 16½ seers at Sadar and Khondmals respectively.

Puri.—Rainfall 2'44 inches. Weather seasonable to *rabi* crop. Harvesting of winter rice and *chota laghu* going on. Outturn expected slightly below the normal. Sugarcane is being pressed at places. Miscellaneous crops are doing well. Fodder and water-supply sufficient. Common rice sells at 14 seers 7 chitaks per rupee.

Hazaribagh.—No rain. Weather cold. Harvesting of winter paddy still going on. Standing crops doing well. Fodder and water sufficient. Common rice sells at 16 seers per rupee.

Ranchi.—Rainfall at Sadar 0'10. Weather cold and cloudy. Harvesting of *sirguja* and *kurthi* continues. *Rabi* sowings going on in places. Cattle-disease reported from several thanas. Fodder and water sufficient. Common rice sells at 16 seers per rupee.

Palamau.—Rainfall nil. Weather cloudy. Standing crops require rain. Sugarcane is being pressed and oil-seeds doing well. Cattle-disease continues in places. Fodder and water sufficient. Rice sells at Sadar at 15½ seers and maize 23 seers 10 chitaks per rupee.

Manbhum.—No rain. Weather couldy. Prospects of crops good. Mustard and sugarcane doing well generally. Fodder and water sufficient. Cattle-disease not reported. Average price of common rice at Sadar 15 seers and at Gobindpur 14 seers per rupee.

Singhbhum.—Rainfall 0'38 inches. *Rabi* crops need more rain. Rice sells at Sadar at 16 seers per rupee.

General Summary.—The rainfall during the week was moderately heavy in Orissa. Slight showers are also reported from a few districts of Lower Bengal and Chota Nagpur. Standing *rabi* crops require rain in the districts of Nadia, Gaya, Champaran, Sonthal Parganas, Palamau and Singhbhum. Prospects generally good. Harvesting of winter rice continues. Poppy doing well. Cattle-disease reported from 9 districts. No want of fodder or water. The price of common rice has fallen in 9 districts, risen in 5, and is stationary in the rest.

By order of the Lieutenant-Governor of Bengal,

W. C. MACPHERSON,
Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,
The 23rd December 1902.

PRICES-CURRENT (retail) of Food-grains and Salt in the Head-

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN														
		WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR CHOLUM (Sorghum Vulgare).					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
BENGAL.		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
BURDWAN DIVISION.	1 Burdwan	...	12 8	12 4	11 8	...	...	...	11 10	11 10	11 4	...	...	...
	2 Birblum	...	13 8	13 0	11 4	...	...	...	13 8	13 8	11 4	...	...	...
	3 Bankura	...	13 0	13 8	11 6	...	...	...	14 0	13 8	13 12 Old 10 10	...	...	...
	4 Midnapore	...	10 8	10 0	10 0	...	...	...	14 0	New 14 8	New 12 0	...	...	...
	5 Hooghly	...	10 8	10 8	10 0	...	...	...	9 8	9 4	9 4	...	...	...
	6 Howrah	...	...	...	...	...	...	...	11 2	11 1	10 0	...	...	...
PRESIDENCY DIVISION.	7 24-Parganas	...	...	...	...	...	...	...	10 10	10 8	10 0	...	...	...
	8 Calcutta	...	11 6	12 4	11 6	16 0	16 13	16 0	9 6	9 6	9 0	16 13	16 0	16 0		
	9 Nadia	...	20 0	20 0	16 0	22 13	22 13	16 0	11 13	11 13	11 0	...	...	...
	10 Murshidabad	...	15 8	15 8	16 0	20 0	20 0	19 0	13 8	13 0	10 8	...	...	...
	11 Jessore	...	10 0	10 0	10 0	11 0	11 0	13 0	12 0	12 0	11 10	...	...	...
	12 Khulna	...	...	...	...	...	...	...	11 10	11 10	9 8	...	...	...
RAJSHAHI DIVISION.	13 Rajshahi	...	16 8	16 8	13 8	27 12	27 12	24 0	Old 13 8	Old 12 12	Old 10 14	...	...	...
	14 Dinajpur	...	14 0	13 0	11 8	...	...	13 5	New 16 0	New 15 12	New 12 0	...	...	...
	15 Jalpaiguri*	...	11 0	11 0	11 8	...	...	...	12 0	11 8	12 0	...	...	...
	16 Darjeeling	...	...	...	...	...	...	...	11 0	11 0	10 0	...	...	...
	17 Rangpur	...	12 0	12 0	9 0	...	...	...	12 8	9 8	9 0	...	...	...
	18 Bogra	...	10 8	10 8	11 4	...	...	...	16 8	13 8	13 8	...	...	...
Dacca Division.	19 Pabna	...	16 8	16 0	15 8	22 0	26 0	24 0	14 11	13 2	11 4	...	...	...
	20 Dacca	...	16 0	15 0	12 0	18 0	16 0	15 0	13 4	13 0	13 0	...	...	...
	21 Mymensingh	...	12 0	12 0	10 0	11 0	11 0	10 0	14 0	14 0	11 0	...	...	...
	22 Faridpur	...	20 0	24 0	12 8	24 0	24 0	16 0	Old 12 0	Old 12 0	Old 10 8	...	...	...
	23 Backergunge	...	...	...	...	...	...	...	New 12 0	Old 12 8	New 12 0	...	...	...

A. In the subdivisions the retail prices of salt per rupee are—Kalna 11 seers 3 chitaks ; Katwa 11 seers 12 chitaks ; Raniganj return not received.
B. At Rampur Hat the retail prices of salt is 11½ seers per rupee.
C. At Vishnupur the retail price of salt is 9½ seers per rupee.
D. In the subdivisions the retail prices of salt per rupee are—Contai 11 seers ; Tamruk 11 seers ; Ghatal 11 seers 6 chitaks.
E. In the subdivisions the retail prices of salt per rupee are—Serampore 10½ seers ; Arambagh 10 seers 10 chitaks.
F. At Ulubaria the retail price of salt is 10 seers 10½ chitaks per rupee.
G. In the marts in the interior of the district the retail prices of salt per rupee are—Chetla 10 seers 10 chitaks ; Barasat 11 seers ; Baduria 11 seers 8 chitaks ; Moraghat 9 seers 13½ chitaks.
H. In the subdivisions the retail prices of salt per rupee are—Kushtia 10½ seers ; Chuadanga 11 seers (panga) ; Meherpur return not received ; Ranaghat 11 seers 4 chitaks (crushed).
I. In the subdivisions the retail prices of salt per rupee are—Lalbagh 11 seers ; Kandi 11 seers ; Jangipur 10½ seers.

SEERS OF 80 TOLABS

[illegible]

KANGNI OR KAKUN ITALIAN MILLET (<i>Setaria Italica</i> .)						GRAM, CHANA, CHHOLA, KADALA OR SUNAGA. (<i>Cicer aricturum</i> .)					
Present return.			Next preceding re- turn.			Present return.			Next preceding re- turn.		
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	16	0	15	0	14	0
...	16	0	16	0	13	8
...	16	0	16	0	13	5
...	14	8	14	8	12	8
...	16	0	16	0	12	8
...	13	0	12	0	12	8
...	15	7	15	4	12	6
...	16	0	16	0	13	0
8	0	8	0	10	0	14	0	13	5	11	13
...	22	13	22	13	17	12
...	20	0	21	0	16	0
...	17	0	16	0	10	4
...	12	12	12	12	9	8
...	23	4	23	4	15	0
...	17	8	16	0	12	0
...	15	0	14	0	12	8
...	11	0	11	0	10	0
...	14	8	14	8	11	4
...	15	0	15	0	12	0
...	15	12	15	12	12	0
...	13	0	13	0	11	4
...	14	0	14	0	10	8
...	10	8	16	0	10	8
...	12	0	12	8	10	8

quarters Station Bazars of the Districts of Bengal on the 15th December 1902.

WHOLESALE PRICES PER MAUND OF 40 SEERS.												DISTRICTS.	Number.
INDIAN-CORN OR MAIZE. (Zea mays.)			ARHAR OR THUR, CADJAN PEA. (Cajanus indicus.)			SALT.			SALT.				
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.		
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.	BENGAL.	
...	11 4	12 0	10 0	A 12 0	12 0	11 4	3 4 0	3 3 0	3 5 0	Burdwan.	1
...	15 0	15 0	9 0	B 10 8	10 10	11 10	3 12 0	3 12 0	3 12 0	Birbhum.	2
...	12 0	12 12	11 13	C 11 0	11 8	10 8	3 8 0	3 7 0	3 12 0	Bankura.	3
...	D 10 8	10 8	10 0	3 7 0	3 7 0	3 9 0	Midnapore.	4
...	8 0	8 0	8 0	E 10 8	10 8	10 8	3 12 0	3 12 0	3 12 0	Hooghly.	5
...	11 8	11 8	11 8	F 10 8	10 8	10 8	3 12 0	3 12 0	3 10 0	Howrah.	6
...	12 0	12 0	12 0	G 10 12	10 10	10 11	3 3 0	3 3 0	3 9 0	24-Parganas.	7
17 0	17 0	15 0	9 0	9 0	10 0	11 0	11 0	11 0	3 5 0	3 6 0	3 6 0	Calcutta.	8
...	11 6	11 6	10 0	H 12 4	12 4	11 1	3 4 0	3 4 0	3 7 0	Nadia.	9
...	12 0	12 0	11 0	I 11 0	11 0	11 0	3 7 0	3 7 0	3 7 0	Murshidabad.	10
...	16 0	16 0	11 8	J 10 0	10 0	10 6	3 12 0	3 12 0	3 12 0	Jessore.	11
...	8 0	8 0	8 0	K 10 0	10 0	10 0	3 12 0	3 12 0	3 12 0	Khulna.	12
...	12 0	12 0	15 0	L 10 8	10 11	9 12	3 10 9	3 10 9	4 0 0	Rajshahi.	13
...	12 12	10 0	9 9½	M 11 8	10 14	10 10	3 8 6	3 9 0	3 12 0	Dinajpur.	14
...	10 0	N 10 0	10 0	10 0	3 9 6	3 9 0	3 12 0	Jalpaiguri.	15
18 0	18 0	20 0	6 8	6 8	6 8	O 8 8	8 8	8 8	4 9 0	4 8 0	4 13 0	Darjeeling.	16
17 0	17 0	11 0	8 12	8 12	6 12	P 10 0	10 0	9 0	3 14 0	3 14 0	4 0 0	Rangpur.	17
...	13 8	13 8	12 0	10 8	10 8	10 2	3 10 8	3 10 8	3 13 4	Bogra.	18
...	9 0	9 0	8 12	Q 10 8	10 8	10 0	3 12 0	3 12 0	3 14 0	Pabna.	19
...	14 0	14 0	10 10	R 10 8	10 8	10 0	3 12 0	3 12 0	3 14 0	Dacca.	20
...	8 8	8 8 (hus- ked).	7 0	S 10 0	10 0	9 0	3 12 0	3 12 0	4 6 0	Mymensingh.	21
...	8 0	9 0	8 0	T 10 12	10 0	10 0	3 12 0	3 12 0	4 0 0	Fariapur.	22
...	U 10 0	10 0	10 0	3 10 0	3 10 0	3 12 0	Backergunge.	23

J. In the subdivisions the retail prices of salt per rupee are—Jhenida 10½ seers; Magura 9½ seers; Narail 10 seers; Bangaon 10 seers 10 chitaks.
K. In the subdivisions the retail prices of salt per rupee are—Bagerhat 10 seers; Satkhira return not received.
L. In the subdivisions the retail prices of salt per rupee are—Nator 9 seers 10 chitaks; Naugaon 10 seers 2 chitaks.
M. No report from subdivision.
N. At Alipur Duars the retail price of salt is 8 seers per rupee.
O. At Kurseong and Siliguri the retail prices of salt per rupee are 8 and 9 seers respectively.
P. In the subdivisions the retail prices of salt per rupee are—Gaibanda 10 seers; Kurigram 8 seers; Nilphamari 10½ seers.
Q. At Sirajganj the retail price of salt is 11 seers 13 chitaks per rupee.
R. In the marts in the interior of the district the retail prices of salt per rupee are—Madanganj 11 seers 6 chitaks; Manikganj 9 seers; Mirkadam 11 seers 6 chitaks.
S. In the subdivisions the retail prices of salt per rupee are—Kishorganj 10 seers 11 chitaks; Jamalpur 10 seers 10 chitaks; Tangai 9½ seers; Netrokona 10 seers 12 chitaks.
T. In the subdivisions the retail prices of salt per rupee are—Goalundo 10 seers; Madaripur 11½ seers (crushed).
U. In the subdivisions the retail prices of salt per rupee are—Pirojpur 10 seers; Patuakhali 9 seers; Shola 10 seers.

PRICES-CURRENT (retail) of Food-grains and Salt in the Head-quarters

Number.		DISTRICTS.	QUANTITIES PER RUPEE IN												
			WHEAT.			BARLEY.			RICE, COMMON.			JOWAR OR CHOLEM (Sorghum Vulgare).			
			Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
BENGAL—concluded.		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
CHITTAGONG DIVISION.	24	Tippera	...	...	...	...	...	...	14 0	14 0	12 3 1/2	...	...	...
	25	Noakhali	...	...	...	...	...	...	{ Old 11 8 New 13 8	13 5	12 0	...	...	...
	26	Chittagong	...	...	...	...	...	...	13 0	13 0	10 14	...	...	...
BIHAR.															
PATNA DIVISION.	27	Patna	16 0	15 8	14 0	20 0	22 0	17 0	15 8	14 0	13 0	{ White 23 0 Raksa 40 0	{ White 17 0 Raksa 40 0	19 0	
	28	Gaya	...	14 8	12 8	20 0	19 4	17 8	15 8	{ Old 12 8 New 14 8	12 0	23 0	22 0	20 8	
	29	Shahabad	...	14 0	12 0	20 0	22 0	16 0	14 0	14 0	11 0	...	...	...
	30	Saran	...	16 0	13 0	26 0	24 0	17 8	16 0	15 0	12 0	...	...	22 8
	31	Champaran	{ 13 0 to 15 8	{ 13 0 to 15 8	11 8	21 0	{ 21 0 to 22 0	21 0	18 4	18 0	13 0	...	...	...
	32	Muzaffarpur	...	14 0	12 0	24 0	16 0	18 0	13 0	13 0	11 8	...	...	...
BHAGALPUR DIVISION.	33	Darbhanga	...	14 4	12 9	26 7	17 9	19 12	17 9	19 12	12 2	...	...	...
	34	Monghyr	...	16 0	13 10	24 0	20 0	14 11	{ Old 11 8 New 14 0	11 8	13 10	...	...	...
	35	Bhagalpur	...	15 2	12 10	20 4	24 0	17 12	13 9	13 9	12 8	...	...	...
	36	Purnea	{ Large white 15 0 Small red 16 0	15 0	13 0	...	...	...	{ Ag. N. 14 8 Ag. O. 11 8 Bhadai 13 0 16 0	{ Aghani 13 0 Old 8 0 New 10 0	...	...	...
	37	Malda	...	16 0	14 0	...	...	...	15 0	13 0	10 8	...	...	...
	38	Sonthal Parganas.	...	11 8	10 0	16 0	15 8	...	15 8	15 8	14 0	...	...	...
ORISSA.															
ORISSA DIVISION.	39	Cuttack	...	12 7	11 13	11 13	14 12	14 1	13 12
	40	Balasore	...	...	...	...	...	...	{ 14 0 or 15 0	{ 14 0 or 15 0	13 0	...	...	...
	41	Angul	...	...	...	...	...	...	17 0	17 0	15 0	...	...	...
	42	Puri	...	10 13	10 8	...	...	9 3	14 7	13 12	14 7	...	...	...
CHOTA NAGPUR.															
CHOTA NAGPUR DIVISION.	43	Hazaribagh	...	11 0	10 0	16 0	16 0	16 0	14 8	{ Old 13 0 New 15 0	{ Old 11 0 New 12 0	...	...	...
	44	Ranchi	{ 8 12 to 11 8	{ 8 8 to 11 0	{ 7 12 to 10 8	16 0	16 0	16 0	17 0	16 0	14 0	...	...	...
	45	Palamau	...	12 6	10 2	16 14	15 4	15 12	15 12	14 10	12 6	...	...	...
	46	Manbhum	...	12 0	11 0	20 0	16 0	20 0	16 0	15 0	14 0	...	...	...
	47	Singbhum	...	11 0	10 0	...	...	...	14 8	14 8	14 0	...	...	...

V. In the subdivisions the retail prices of salt per rupee are—Chandpur 9 seers ; Brahmanbaria 10 seers.
W. At Feni hat the retail price of salt is 10 1/2 seers per rupee.
X. Return from Cox's Bazar not received.
Y. In the subdivisions the retail prices of salt per rupee are—Barh 11 1/2 seers ; Dinapore 10 seers ; Bihar return not received.
Z. In the subdivisions the retail prices of salt per rupee are—Jahanabad 10 seers ; Nawada return not received ; Aurangabad 11 seers.
a. In the subdivisions the retail prices of salt per rupee are—Buxar 11 seers ; Bhabua 10 1/2 seers ; Sasaram 11 seers.
b. In the subdivisions the retail prices of salt per rupee are—Siwan 12 seers 6 chitaks ; Gopalganj return not received.
c. At Bottiah the retail price of salt is 10 1/2 seers per rupee.
d. In the subdivisions the retail prices of salt per rupee are—Hajipur 10 1/2 seers ; Sitamarhi 11 1/2 seers.
e. In the subdivisions the retail prices of salt per rupee are—Samastipur 10 seers ; Madhubani 11 seers.
f. In the subdivisions the retail prices of salt per rupee are—Begusarai 10 1/2 seers ; Jamui 10 1/2 seers.

SEERS OF 80 TOLAHS.

BAJRA OR CUMBU. (<i>Pennisetum typhoid- eum.</i>)	MARUA OR RAGI. (<i>Eleusine Corocana.</i>)
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KANGNI OR KAKUN, ITALIAN MILLET. (<i>Setaria Italica</i> .)						GRAM, CHANA, CHHOLA, KADALAY OR SUNAGA. (<i>Cicer aristinum</i> .)					
Present return.		Next preceding re- turn.		Corresponding re- turn of last year.		Present return.		Next preceding re- turn.		Corresponding re- turn of last year.	
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...
...	12	5	12	5	8	0		
...	10	0	10	4	9	4		
23	0	20	0	19	8	23	0	23	0	17	0
14	0	14	0	16	8	23	8	22	8	17	0
...	22	0	22	0	17	0		
20	0	19	0	...	...	22	8	22	0	17	0
...	22	0	{ 21 8 18 8 to to 22 0 19 8					
...	19	0	19	0	16	0		
...	20	14	19	12	17	9		
...	22	0	23	0	18	14		
...	20	4	20	0	15	0		
...	16	0	{ Large 14 8 Small 16 0		12 0			
...	19	0	20	0	15	0		
...	16	0	15	0	12	5		
Biri or kalai.											
...	15	12	17	6	13	12		
...	14	0	15	0	12	0		
...	16	0	17	0	13	0		
...	18	0	18	0	16	0		
...	14	7	15	1	12	4		
...	18	8	17	8	14	0		
...	17	0	16	0	11	8		
...	19	0	17	0	12	0		
...	20	4	20	4	12	6		
...	15	0	14	0	13	0		
...	12	0	12	0	9	0		

Station Bazars of the Districts of Bengal on the 15th December 1902—concl'd.

															WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	Number.
INDIAN-CORN OR MAIZE. (Zea mays.)			ARHAR OR TUR, CADJAN PEA. (Cajanus Indicus.)			SALT.			SALT.										
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.								
S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.								
...	...	...	...	...	...	V 10 0	10 0	9 0	3 14 0	3 14 0	4 6 0			
...	...	...	...	...	...	W 9 4	9 4	9 0	3 12 0	3 12 0	4 6 0			
...	...	...	8 12	8 12	8 8	X 10 0	10 0	9 8	3 6 0	3 6 0	3 12 0						
31 0	31 0	23 0	20 0	19 8	15 0	Y 10 0	10 0	10 8	3 11 0	3 11 0	3 11 0								
26 0	25 0	22 0	15 0	15 0	13 8	Z 11 5	11 5	10 12	3 8 6	3 8 0	3 13 0								
26 0	28 0	20 0	12 0	12 0	11 0	a 10 0	10 0	10 0	4 0 0	4 0 0	4 0 0								
28 0	28 0	23 0	16 0	16 0	15 0	b 11 0	11 0	10 8	3 10 0	3 10 2	3 12 0								
29 0	29 8	23 8	23 0	22 8	19 4	c 10 8	10 8	10 0	3 13 0	3 13 0	4 0 0								
29 0	28 0	21 0	14 0	14 0	13 0	d 10 0	10 0	10 0	4 0 0	4 0 0	4 0 0								
31 0	30 12	22 0	14 4	13 3	12 2	e 11 4	11 4	11 0	3 10 0	3 10 0	3 10 0								
35 0	32 0	21 0	17 0	16 0	18 14	f 10 0	10 8	10 8	4 0 0	3 14 0	3 6 6								
26 4	24 4	21 4	12 0	11 4	11 6	g 11 13	11 4	11 0	3 9 0	3 10 0	3 14 0								
...	...	...	10 8	8 0	9 0	h 10 0	10 0	10 0	4 0 0	4 0 0	4 0 0						
...	...	22 0	14 0	13 0	11 0	i 10 0	10 0	9 12	3 12 0	3 12 0	4 0 0								
25 0	25 0	22 0	20 0	19 0	15 0	j 10 8	10 8	10 0	3 10 0	3 10 0	3 12 0								
...	...	...	17 1	17 1	13 12	k 13 0	13 0	13 4	3 0 0	3 0 0	3 0 0						
...	...	...	10 0	10 8	9 0	l 11 4	10 8	10 8	3 7 6 or 3 8 0	3 7 0	3 12 0						
...	...	...	14 0	12 8	12 0	m 8 0	8 0	7 8 1	...	...	...					
...	...	...	12 8	10 8	8 6	n 13 4	13 0	13 8	3 0 0	3 0 0	2 15 0						
21 8	22 0	18 8	9 8	9 8	9 0	o 9 0	9 0	9 0	4 3 0	4 3 0	4 3 0								
22 0	24 0	20 0	7 0	6 8	5 12 to 6 8	p 10 0	10 0	9 0	4 0 0	4 0 0	4 8 0								
27 0	27 0	18 9	12 6	11 13	12 12	q 10 6	10 6	9 0	1	...	...						
24 0	24 0	24 0	12 0	12 0	10 0	r 10 8	10 0	11 0	3 12 0	3 12 0	3 12 0								
32 0	32 0	25 0	10 0	10 0	8 0	s 9 0	9 0	9 0	4 4 0	4 4 0	3 8 0								

g. In the subdivisions the retail prices of salt per rupee are—Banka 10 seers; Madhipura 10 seers; Supaul 10 seers.
h. In the subdivisions the retail prices of salt per rupee are—Kishanganj 9 seers; Arraria 9 seers.
i. At Balia Nawabganj the retail price of salt is 10 seers per rupee.
j. In the subdivisions the retail prices of salt per rupee are—Deoghur 9½ seers (panga); Godda 10 seers; Jamtara 11 seers; Pakaur 11 seers (karkatch); Rajmahal 11 seers.
k. In the subdivisions the retail prices of salt per rupee are—Jajpur 10½ seers; Kendrapara 10 seers (panga).
l. At Bhadrak the retail price of salt is 10½ seers per rupee.
m. In the marts in the interior of the district the retail prices of salt per rupee are—Bankpur 9 seers; Binsipara 9 seers.
n. At Khurda the retail price of salt is 13 seers per rupee.
o. At Gbindpur the retail price of salt is 14 seers 10 chitaks per rupee.

Published for general information.

W. C. MACPHERSON,
Offg. Secretary to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, &c.,

Number.	MARKS.												
		RICE (BEST SORT).			COMMON RICE (mota chaul).			WHEAT (Triticum sativum).			BARLEY (Hordeum vulgare).		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
1	2	3	4	5	6	7	8	9	10	11	12	13	14
		Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
1	Calcutta	5 8 0	5 8 0	5 4 0	4 0 0	4 0 0	4 2 0	3 4 0	3 0 0	3 4 0	2 6 0	2 4 0	2 6 0
2	Burdwan	4 7 0	4 7 0	5 0 0	3 5 0	3 5 0	3 8 0	...	...	...	...	...	...
3	Midnapore	4 0 0	4 0 0	4 8 0	{ 2 13 0 to 2 14 0 }	{ 2 12 0 to 2 14 0 }	{ Old 3 12 0 New aus 3 5 0 }	...	...	...	...	...	...
4	Pabna	6 10 0	6 10 0	6 8 0	2 12 0	3 9 0	3 10 0	2 6 9	2 8 0	2 9 6	...	...	...
5	Rangpur	4 8 0	5 0 0	6 0 0	3 0 0	4 0 0	3 12 0	3 4 0	3 4 0	3 12 0	...	...	...
6	Dacca	4 0 0	4 0 0	4 10 0	3 0 0	3 0 0	3 0 0	2 8 0	2 12 0	3 4 0	2 2 0	2 4 0	2 10 0
7	Chittagong	...	...	...	2 14 0	3 0 0	3 0 0	...	...	...	...	...	...
8	Patna	3 4 0	3 4 0	4 0 0	2 8 0	2 13 0	2 15 0	2 7 0	2 8 0	2 12 0	1 15 0	1 13 0	2 5 0
9	Muzaffarpur	5 0 0	5 0 0	5 11 6	2 15 3	2 15 3	3 7 9	2 10 6	2 10 6	3 3 0	1 9 6	2 5 6	2 1 6
10	Bhagalpur	3 6 0	3 6 0	4 8 0	2 14 1	2 14 1	3 3 0	2 10 5	1 10 2	3 2 3	1 15 9	1 10 0	2 4 0
11	Cuttack	4 8 0	4 8 0	3 10 0	2 10 6	2 11 6	2 12 0	3 0 0	3 3 0	3 4 0	...	...	...
12	Ranchi	4 0 6	4 3 6	3 12 9	2 5 8	2 8 6	2 14 6	{ 3 8 0 to 4 9 0 }	{ 3 10 0 to 4 11 2 }	{ 3 13 0 to 4 7 0 }	{ 2 8 0	2 8 0	2 8 0

CALCUTTA,
The 22nd December 1902.

JUAR OR CHOLUM (<i>Sorghum vulgare</i>).			BAJRA OR CUMBU (<i>Pennisetum typhoides</i>).			MARUA OR RAGI (<i>Eleusine corocana</i>).			GRAM, CHANA, CHOLA, KADALAY, OR SUNAGA (<i>Cicer arietinum</i>).		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
15	16	17	18	19	20	21	22	23	24	25	26
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
2 4 0	2 6 0	2 6 0	2 2 0	2 8 0	2 14 0	...	...	...	2 8 0	2 12 0	3 0 0
...	...	...	...	...	...	...	...	...	2 4 0	2 8 0	2 14 0
...	...	...	...	...	...	...	...	...	2 4 0 to 2 8 0	2 4 0 to 2 8 0	3 2 0
...	...	...	...	...	...	...	...	...	2 8 6	2 8 6	3 5 0
...	...	...	...	...	...	...	...	...	2 12 0	2 12 0	3 2 0
...	...	...	...	...	...	...	...	...	3 0 0	3 0 0	3 8 0
...	...	...	...	...	...	...	...	...	4 0 0	3 4 0	3 6 0
White. 1 11 0 Raksa. 1 0 0	2 4 0 1 0 0	2 1 0	...	...	...	...	...	...	1 10 0	1 11 0	2 5 0
...	...	...	...	...	...	1 9	1 9 6	1 13 0	2 0 0	2 0 0	2 5 6
...	...	...	...	...	...	...	...	...	1 15 8	1 5 0	2 10 0
...	...	...	...	...	...	...	...	...	2 6 9	2 1 0	2 12 0
...	...	...	...	...	...	...	...	...	2 1 9 to 2 5 6	2 5 6 to 2 8 0	3 5 3 to 3 10 0

PRICE PER MAUND OF											
INDIAN-CORN OR MAIZE (<i>zea mays</i>).			ARHAR DAL OR THUR— CADJAN PEA (<i>Cajanus indicus</i>).			LINSKED.			MUSTARD AND RAPSEED.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
27	28	29	30	31	32	33	34	35	36	37	38
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
2 0 0	2 2 0	2 8 0	4 4 0	4 4 0	3 12 0	6 0 0	6 8 0	6 12 0	4 12 0	4 12 0	5 0 0
...	...	...	3 5 0	3 3 0	3 12 0	...	...	...	4 9 0	4 10 0	4 13 0
...	...	...	3 12 0	3 12 0	3 12 0	5 14 0	6 0 0	6 0 0	Black mustard.		
...	...	...	4 0 0	4 0 0	4 8 0				4 8 0	4 8 0	4 12 0
...	...	...	4 6 0	4 6 0	4 10 0	5 12 0	4 8 0	6 8 0	4 12 0	4 12 0	5 8 0
2 4 0	2 4 0	3 4 0	4 8 0	4 8 0	5 8 0	...	...	...	4 9 0	6 0 0	5 8 0
...	...	...	2 12 0	2 12 0	3 12 0	...	...	...	4 8 0	4 8 0	5 4 0
...	...	...	4 0 0	4 0 0	5 3 0	...	...	...	4 10 0	4 8 0	5 2 0
1 4 0	1 4 0	1 11 0	2 5 6	2 0 0	2 10 0	4 6 0	3 15 0	5 0 0	3 15 0	4 0 0	4 6 0
1 5 3	1 6 3	1 13 0	2 12 0	2 12 0	2 15 3	...	...	...	...	...	...
1 8 3	1 8 0	1 13 6	3 5 4	3 6 0	3 9 0	4 0 0	5 0 0	...	Mustard.		
...	...	...	2 2 6	2 2 6	2 10 0	...	...	...	3 5 0	3 10 0	...
...	...	...	5 11 6	6 2 6	5 2 0	5 0 0	6 10 0	5 0 0	Rapeseed.		
...	...	...	...	...	6 15 0				3 12 0	4 8 0	4 8 0
...	...	...	...	...	...	...	...	...	4 13 0	4 13 0	4 1 3
...	...	...	...	...	...	...	...	...	3 13 0	...	5 0 0
...	...	...	...	...	...	...	...	...	4 7 0	4 7 0	5 4 0

40 STANDARD SEERS.

TIL OR JINJILI SEED.			SUGAR (RAW).			COTTON, CLEANED.			JUTE.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
39	40	41	42	43	44	45	46	47	48	49	50
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
4 0 0	4 4 0	4 8 0	4 0 0	4 0 0	4 8 0	16 0 0	16 0 0	16 0 0	5 0 0	5 4 0	5 4 0
...	...	...	4 4 0	3 12 0	3 12 0	19 0 0	18 0 0	17 5 0	...	...	...
...	...	...	{ 4 0 0 to 4 8 0 }	{ 3 12 0 to 4 2 0 }	{ 3 4 0 to 3 12 0 }	20 0 0	20 0 0	20 0 0	...	...	...
...	...	...	3 13 0	3 12 0	3 10 0	23 0 0	22 8 0	21 0 0	5 0 0	5 2 6	4 0 0
...	...	...	4 0 0	4 0 0	6 4 0	...	...	...	4 12 0	4 12 0	3 0 0
...	...	...	5 0 0	5 0 0	5 4 0	...	...	...	5 0 0	5 0 0	3 8 0
...	...	...	5 12 0	5 12 0	4 12 0	16 0 0	16 0 0	13 8 0	...	...	...
4 6 0	5 0 0	4 12 0	2 7 0	3 0 0	3 8 0	16 0 0	16 0 0	16 0 0	3 4 0	3 4 0	3 8 0
...	...	...	2 5 6	2 3 6	2 10 6	...	...	...	...	...	...
...	...	...	3 12 0	4 4 0	5 4 0	18 4 0	18 4 0	...	...	...	...
4 0 9	4 0 9	4 4 0	4 8 0	4 8 0	4 8 0	22 0 0	22 0 0	24 8 0	...	...	...
...	...	...	{ 3 1 0 to 3 13 0 }	{ 4 0 0 to 4 7 0 }	4 11 0	20 0 0	20 0 0	20 0 0	...	...	...

GHI (CLARIFIED BUTTER).			TOBACCO LEAF.			HIDES (COW).			GRASS.		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
51	52	53	54	55	56	57	58	59	60	61	62
Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.	Ra. A. P.
30 0 0	39 0 0	38 0 0	7 0 0	7 0 0	9 0 0	250 0 0	250 0 0	300 0 0	1 1 0	0 14 0	1 0 0
28 0 0	29 0 0	32 0 0	...	...	...	...	...	...	...	...	...
23 8 0	28 8 0	38 0 0	Madhukhali. 5 12 0 to 6 4 0 Pulta. 7 12 0			Uncleaned hide per piece. 1 8 0 to 2 12 0 Cleaned hide per piece. 1 12 0 to 3 0 0			...	...	...
54 0 0	53 0 0	53 0 0	8 0 0	8 0 0	7 0 0	...	...	...	...	...	...
38 0 0	36 0 0	34 0 0	10 0 0	10 0 0	9 0 0	...	...	...	0 2 6	0 2 6	0 2 6
40 0 0	40 0 0	45 0 0	7 0 0	7 0 0	7 0 0	25 0 0	25 0 0	20 0 0	0 5 0	0 5 0	0 4 0
30 0 0	31 0 0	42 0 0	7 8 0	8 0 0	10 8 0	16 0 0	16 0 0	18 0 0	...	...	...
26 0 0	26 0 0	34 0 0	4 0 0	4 0 0	3 0 0	...	...	...	0 5 0	0 5 0	0 4 0
25 9 6	25 9 6	32 0 0	8 0 0	8 0 0	8 0 0	...	...	...	...	...	...
30 0 0	30 0 0	34 0 0	6 12 0	6 12 0	...	...	...	...	...	...	...
30 12 0	31 8 0	39 12 0	4 4 0	4 4 0	4 4 0	25 0 0	25 0 0	25 0 0	0 8 0	0 8 0	0 8 0
26 10 6	26 10 6	37 10 0	6 10 0	6 10 0	6 10 6	1 4 0	1 0 0	1 4 0	Per piece. to 1 8 0 1 8 0 2 4 0		
30 7 6	30 7 6	42 10 6	13 5 3	13 5 3	11 6 10	1 8 0	1 8 0	2 4 0	0 4 0	0 2 8	0 4 0

in the undermentioned Marts of Bengal on the 15th December 1902.

STRAW.			JUAR STALKS.			PRICES PER MAUND OF 40 STANDARD SEERS.									ARTS.
						IRON.			FIREWOOD.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78
Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
0 12 0	0 12 0	0 12 0	...	...	...	5 8 0	5 8 0	5 12 0	0 8 0	0 8 0	0 9 0	3 5 0	3 6 0	3 6 0	1. Calcutta.
0 8 0	0 8 0	0 8 0	...	...	...	...	...	...	0 8 0	0 8 0	0 5 3	3 4 0	3 3 0	3 5 0	2. Burdwan.
0 4 3	0 4 3	0 3 6	...	...	...	3 12 0 to 4 0 0	3 12 0 to 4 4 0	4 0 0 to 5 0 0	0 4 0	0 4 0	0 4 0	3 7 0	3 7 0	3 9 0	3. Midnapore.
1 0 0	1 0 0	1 0 0	...	...	...	7 0 0	7 0 0	7 0 0	0 5 0	0 5 0	0 5 0	3 12 0	Panga. 3 12 0	3 14 0	4. Pabna.
0 7 0	0 7 0	0 7 0	...	...	...	7 0 0	7 0 0	7 0 0	0 5 0	0 5 0	0 5 0	3 14 0	Panga. 3 14 0	0 4 0	5. Rangpur.
...	...	...	...	...	...	5 0 0	5 0 0	5 8 0	0 5 3	0 5 3	0 5 3	3 12 0	Panga. 3 12 0	3 14 0	6. Dacca.
...	...	...	...	...	...	4 6 0	4 6 0	5 4 0	...	...	...	3 6 0	Panga. 3 6 0	3 14 0	7. Chittagong.
...	...	...	...	...	...	4 0 0	4 0 0	5 0 0	0 7 0	0 7 0	0 5 6	3 11 0	3 11 0	3 11 0	8 Patna.
...	...	...	...	...	...	5 11 6	5 11 6	5 11 6	0 4 0	0 4 0	0 4 0	4 0 0	Panga. 4 0 0	0 4 0	9. Muzaffarpur.
...	...	...	...	...	...	4 12 0	5 0 0	5 0 0	0 5 9	0 3 0	0 5 9	3 9 0	Panga. 3 10 0	3 14 0	10. Bhagalpur.
0 8 6	0 8 0	0 9 0	...	...	...	4 5 0	4 5 0	4 4 0	0 4 0	0 4 0	0 4 6	3 0 0	Karkatch. 3 0 0	3 0 0	11. Cuttack.
0 4 0 to 0 5 0	0 4 0 to 0 5 0	0 4 0 to 0 5 0	...	...	...	5 10 0	5 10 0	5 11 6 to 6 2 6	0 4 0	0 4 0	0 4 0	4 0 0	Panga. 4 0 0	4 8 0	12. Ranchi.

W. C. MACPHERSON,
Offg. Secretary to the Govt. of Bengal.

IRRIGATION DEPARTMENT, BENGAL.

Statement showing heights over mean sea-level and low water in the rivers Ganges, Bhagirathi, Jalangi, and Brahmaputra for the month of November 1902, and the highest reading of each gauge over M. S. L. since 1876.

RIVER GANGES.																								RIVER BHAGIRATHI.				RIVER JALANGI.				RIVER BRAHMAPUTRA.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
Mirzapore.				Benares.				Buxar.				Dinapore.				Monghyr.				Sahibganj.				Rampur Boalia.				Goalundo.				Berhampore.				Saruganj.				Gauhati.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Distance in miles.				From Allahabad ... 86				From Allahabad ... 134				From Allahabad ... 48				From Benares ... 90				From Benares ... 177				From Benares ... 87				From Benares ... 110				From Benares ... 381				From Benares ... 94				From Benares ... 471				From Benares ... 90				From Benares ... 150																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
26th August 1880. 253.47				26th August 1880. 241.46				31st August 1880. 260.68				5th September 1901. 109.73				8th September 1901. 129.60				23rd August 1879. 98.25				26th August 1879. 69.25				20th August 1893. 31.53				14th August 1890. 64.70				25th September 1900. 36.30				24th July 1900. 179.41																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													
Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.				Height over zero of gauge, sea-level.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	1st	2nd	3rd	4th	5th	6th	7th	8th	9th	10th	11th	12th	13th	14th	15th	16th	17th	18th	19th	20th	21st	22nd	23rd	24th																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
...	...	7.00	213.22	1.50	198.30	4.53	173.88	10.70	144.03	8.55	110.43	9.83	77.83	9.05	51.95	10.97	19.61	9.83	43.37	13.20	13.20	9.30	158.08</

GOVERNMENT OF BENGAL, IRRIGATION DEPARTMENT.

Approximate Return of Traffic on the Circular and Eastern Canals for the week ending Saturday the 20th December 1902, as compared with the corresponding week of the previous year.

NATURE OF CARGO.	WEEK ENDING SATURDAY, THE 20TH DECEMBER 1902.			WEEK ENDING SATURDAY, THE 21ST DECEMBER 1901.		
	Number of boats.	Weight of cargo.	Tollage.	Number of boats.	Weight of cargo.	Tollage.
		Mds.	Rs.		Mds.	Rs.
Rice and paddy	964	83,462	1,271	1,056	79,580	1,150
Jute	236	97,900*	1,605	451	1,68,325†	2,619
Firewood	89	57,675	861	57	52,350	803
Other articles	662	1,34,495	1,808	496	1,09,625	1,528
Total	1,951	3,73,532	5,545	2,060	4,09,880	6,100

* Weight by canal measurement, 1,06,463 maunds.
† Ditto ditto, 10,60,787½ "

Results of the Meteorological Observations taken at the Alipore Observatory from
14th to 20th December 1902.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fabr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1902.		°		Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Dec.	14th	127.7	8.3	30.014	64.7	78.4	23.4	55.0	58.2	0.403	53.0	72	N, NW by W and calm.	59	Nil	Clear, D.
"	15th	128.0	8.2	29.980	65.0	80.5	25.9	53.6	59.3	.435	55.0	73	NNW, WNW and calm.	46	"	Clear D.
"	16th	131.8	8.2	.967	66.3	81.8	26.7	55.1	59.9	.436	55.1	71	WNW, NW and calm.	82	"	Chiefly clear D.
"	17th	131.0	8.3	.969	68.7	82.1	25.2	56.9	60.4	.416	53.8	59	NW, W and WSW	73	"	Clear D.
"	18th	131.8	7.9	30.008	71.9	84.0	22.7	61.3	65.3	.538	61.0	69	WSW, NW and calm.	43	"	Clear D. =
"	19th	129.7	8.0	.001	69.5	82.1	23.6	58.5	62.3	.467	57.0	64	NW by W and NW by N.	41	"	Chiefly clear, D.
"	20th	128.7	7.7	29.996	69.1	79.9	19.8	60.1	62.9	.492	58.4	69	NW by W, E and SE by E.	55	"	Chiefly clear, D.

The mean pressure of the seven days ...	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	29.991
The total number of hours of bright sunshine ...	...	...	...	Hours.
The maximum possible number of hours of sunshine ...	...	...	...	56.6
The mean temperature of the seven days ...	...	...	...	°
The average temperature of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	67.9
The extreme variation of temperature ...	...	...	...	67.4
The maximum temperature ...	...	...	...	30.4
The highest velocity of the wind in one hour ...	...	...	...	Miles.
The mean relative humidity ...	...	...	...	10
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	68
The total fall of rain from 14th to 20th December 1902 ...	...	...	...	Inches.
The average fall of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	Nil.
The total fall from 1st January to 20th December 1902 ...	...	...	...	0.01
The average fall of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	61.62
The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from eye observations.	...	...	...	65.23

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain-gauge is one foot above the ground.

☉ dew; ☼ fog.

N.B.—In the weekly abstract from 30th November to 6th December 1902, read 78.2 for 87.2 as the maximum temperature of the 5th December 1902.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Alipore (Calcutta), the 22nd December 1902.

G. W. KÜCHLER,
for Meteorological Reporter to the Govt. of India
and Director-General of Indian Observatories.

BENGAL AND NORTH-WESTERN RAILWAY.

Statement of goods traffic for the month of September 1902 compared with the corresponding period in 1901.

DESCRIPTION OF GOODS.	1901.		1902.		Increase.		Decrease.		Explanation of fluctuations by the Traffic Manager.
	Tons.	Rs.	Tons.	Rs.	Tons.	Rs.	Tons.	Rs.	
I.—Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	28	304	44	598	16	294			
II.—Coal and coke carried for the Public and Foreign Railways.	250	457	820	2,250	570	1,793			Demand for brick burning.
III.—Cotton—									
1. Raw	30	16	31	355	1	339			
2. Manufactured—									
(a) Twist and { European ...	16	164	30	273	14	109			
(b) yarn. { Indian ...	378	2,832	355	4,621		1,789	23		
(c) Piece-goods { European ...	1,111	9,141	1,240	12,243	129	3,102			
(d) { Indian ...	218	1,759	345	3,238	127	1,481			
(e) Others			4	60	4	61			
IV.—Chemicals, excepting saltpetre			25	226	25	226			62
V.—Drugs—									
1. Intoxicating, other than opium.	15	163	5	101			10		
2. Non-intoxicating—									
(a) Medicinal preparations.			6	36	6	36			
(b) Others	102	851	478	2,358	376	1,507			
VI.—Dyes and Tans—									
1. Al (Morinda citrifolia)	1	6					1		16
2. Alizarine and aniline dyes.	1	13	2	18		5			
3. Cutch	5	25	10	36	5	11			
4. Indigo			1	8	1	8			
5. Myrabolams	2	7	2	14		7			
6. Tanning barks			26	247	26	247			
7. Turmeric	109	1,170	81	505			28		685
8. Others	26	188	5	37			21		161
VII.—Fodder—									
1. Oilcake	282	588	361	984	79	396			
2. Hay, straw and grass...	60	129	153	589	93	460			
VIII.—Fruits and vegetables, fresh	130	486	343	7,981	213	7,495			
IX.—Grain and Pulse—									
1. Gram and pulse ...	5,001	18,491	5,021	20,307		1,816	970		
2. Jawar and bajra ...	43	145	109	462	66	317			
3. Rice { in the husk ...	610	1,534	2,207	6,430	1,597	4,896			
4. { not in the husk ...	5,356	19,577	5,131	13,366			2,235		6,611
5. Wheat	1,344	5,439	2,942	16,927	1,598	11,488			Defective crops in Tirhut.
6. Wheat-flour	62	466	190	1,177	128	711			
7. Makai	1,409	4,109	1,716	7,314	307	3,205			
8. Others	2,214	7,353	2,759	12,385	545	5,032			
X.—Hides and Skins—									
1. Hides of cattle—									
(a) Dressed or tanned									
(b) Raw	285	1,337	310	2,083	25	746			
2. Skins of sheep and other animals—									
(a) Dressed or tanned	1	3	4	38	3	35			
(b) Raw	159	923	208	1,264	49	341			
XI.—Horns	4	50	5	61	1	2			
XII.—Hemp (Indian) and other fibres, excluding jute.									
XIII.—Jute—									
1. Raw	25	82	36	274	11	192			
2. Gunny-bags and cloth	633	3,213	684	3,543	51	330			
XIV.—Lac	220	529	140	931		402	80		
XV.—Leather—									
1. Unwrought			2	16	2	16			
2. Wrought, excepting boots and shoes.	2	14	36	88	34	74			
XVI.—Liquors—									
1. Ale and Beer	3	15	3	25		10			
2. Spirits of all kinds, including country spirits.									
3. Wine	19	204	11	170			8		34
4. All other sorts, including toddy and fermented liquor, other than ale and beer.									
XVII.—Metals—									
1. Brass, unwrought ...	28	185	20	172			8		13
2. " wrought	66	624	148	960	82	236			
3. Copper, unwrought ...	12	14					12		14
4. " wrought	18	127	12	86			6		41
5. Iron and steel—									
(a) Cast	38	202	36	197			2		5
(b) Unwrought			10	85	10	85			
(c) Wrought	346	1,467	414	2,608	68	1,141			
(d) Manufactures	97	766	256	1,368	169	602			
6. Others	103	711	161	1,056	58	345			
XVIII.—Oils—									
1. Kerosine	1,002	3,125	231	675			771		2,450
2. Castor	17	57	969	4,421	952	4,364			
3. Coconut	8	51	65	289	57	238			
4. Mustard and rape ...	27	163	23	157			5		6
5. Others	34	215	5	51			29		164

DESCRIPTION OF GOODS.	1901.		1902.		Increase.		Decrease.		Explanation of fluctuations by the Traffic Manager.
	Tons.	Rs.	Tons.	Rs.	Tons.	Rs.	Tons.	Rs.	
XIX.—Oilseeds—									
1. Castor	258	730	504	1,345	246	615	.....	.....
2. Earthnuts	2,279	6,773	3,183	13,157	904	6,384	.....	.....
3. Linseed	280	1,331	134	645	.....	.....	.....	.....
4. Poppy	1,158	5,035	1,752	6,680	694	1,645	146	636	
5. Rape and mustard	12	49	9	29	.....	.....	.....	.....
6. Til or jinjili	791	2,852	111	273	.....	.....	680	2,579	
7. Others	58	527	3	73	.....	.....	55	454	
XX.—Opium	17	128	475	950	458	822	.....	.....
XXI.—Paper and Pasteboard ... ..	.....	.....	.....	.....	.....	.....	.....	.....
XXII.—Provisions—									
1. Dried fruits and nuts	103	1,635	65	836	.....	.....	38	799	
2. Ghee	290	2,159	282	1,876	.....	.....	8	283	
3. Others	337	1,637	420	2,509	83	872	.....	.....
XXIII.—Railway Plant and Rolling Stock carried for the Public and Foreign Railways—									
1. Locomotive engines and tenders and parts thereof.	.....	.....	.....	.....	.....	.....	.....	.....
2. Carriages and trucks and parts thereof.	.....	.....	.....	.....	.....	.....	.....	.....
3. Materials—	.....	.....	.....	.....	.....	.....	.....	.....
(a) Steel rails and fish-plates.	.....	.....	.....	.....	.....	.....	.....	.....
(b) Sleepers and keys of steel and cast-iron.	1	1	39	254	38	253	.....	.....
(c) Others ... ..	.....	.....	.....	.....	.....	.....	.....	.....
XXIV.—Salt	4,830	14,669	6,157	23,633	1,318	8,964	.....	.....
XXV.—Saltpetre and other saline substances—									
1. Saltpetre	686	2,073	712	2,577	26	504	.....	.....
2. Other saline substances	6	25	195	793	189	768	.....	.....
XXVI.—Silk—									
1. Raw—	.....	.....	.....	.....	.....	.....	.....	.....
(a) Foreign ... ..	.....	.....	.....	.....	.....	.....	.....	.....
(b) Indian ... ..	.....	.....	.....	.....	.....	.....	.....	.....
2. Piece-goods—	.....	.....	.....	.....	.....	.....	.....	.....
(a) Foreign ... ..	.....	.....	.....	.....	.....	.....	.....	.....
(b) Indian ... ..	.....	.....	.....	.....	.....	.....	.....	.....
XXVII.—Spices—									
1. Betelnuts	146	1,016	240	1,897	94	881	.....	.....
2. Cardamoms	10	80	3	27	.....	.....	7	53	
3. Chillies	139	725	35	266	.....	.....	104	459	
4. Ginger	14	163	10	90	.....	.....	4	13	
5. Pepper	19	175	19	217	.....	42	.....	.....
6. Others	183	1,409	137	1,069	.....	.....	46	340	
XXVIII.—Stone and lime	504	930	765	1,832	261	902	.....	.....
XXIX.—Sugar—									
1. Refined or crystallised, including sugarcandy.	445	1,360	654	2,542	209	1,182	.....	.....
2. Unrefined—	.....	.....	.....	.....	.....	.....	.....	.....
(a) Sugar	1,227	7,097	620	4,189	.....	.....	607	2,908	
(b) Gur, rab, jaggery, molasses and other saccharine produce.	1,304	6,171	1,207	4,724	.....	.....	97	1,447	
XXX.—Tea—									
1. Foreign ... ..	.....	.....	.....	.....	.....	.....	.....	.....
2. Indian	1	9	1	18	.....	9	.....	.....
XXXI.—Tobacco—									
1. Unmanufactured	799	6,170	922	5,771	123	.....	.....	399	
2. Manufactured—	.....	.....	.....	.....	.....	.....	.....	.....
(a) Cigars	1	5	19	193	18	188	.....	.....
(b) Other sorts	12	98	19	170	7	72	.....	.....
XXXII.—Wood—									
1. Timber, unwrought	30	33	784	2,892	754	2,769	.....	.....
2. Logs	327	389	303	816	.....	427	24	.....
3. Poles ... ..	.....	.....	.....	.....	.....	.....	.....	.....
4. Manufactures	123	662	324	938	201	276	.....	.....
XXXIII.—Wool—									
1. Raw	13	542	18	288	5	.....	.....	254	
2. Manufactured—	.....	.....	.....	.....	.....	.....	.....	.....
(a) Carpets and rugs ... ..	.....	.....	47	81	47	81	.....	.....
(b) Piece-goods { European	.....	.....	.....	.....	.....	.....	.....	.....
(c) { Indian	5	73	5	71	.....	.....	.....	.....
(d) Other sorts of manufactures.	1	68	1	5	.....	.....	.....	63	
XXXIV.—All other articles of merchandise—									
1. Indigo-seed	29	176	6	46	.....	.....	23	130	The increase in general is, it is understood, due to the inclusion of the Link traffic in the return.
2. Firewood	810	1,917	1,071	1,699	261	.....	.....	218	
3. Others not specified above.	1,174	7,762	2,635	9,672	1,461	1,910	.....	.....
Total	41,371	1,66,421	50,116	2,30,717	14,786	85,625	6,041	21,329	

GORAKHPUR, the 15th December 1902.

J. LIGHTFOOT,
Chief Auditor.

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

Statement of Goods Traffic for the month of July 1902 compared with the corresponding period in 1901.

DESCRIPTION OF GOODS.	1901.		1902.		Increase.		Decrease.		Explanation of fluctuations by the Traffic Manager.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	
I.—Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes.	...	...	...	...	...	...	...	...
II.—Coal and coke carried for the public and foreign railways.	...	...	...	...	...	...	...	...
III.—Cotton—									
1. Raw	...	...	6	1	6	1	...	...
2. Manufactured—									
(a) Twist and yarn {European	25	1	77	4	52	3	...	...
(b) {Indian	806	41	432	27	...	...	374	14	
(c) Piece-goods {European	664	26	292	21	...	...	372	5	
(d) {Indian	...	...	13	1	13	1	...	...
(e) Others	...	...	4	1	4	1	...	...
IV.—Chemicals, excepting saltpetre	...	...	...	...	...	...	...	...
V.—Drugs—									
1. Intoxicating, other than opium.	...	...	...	...	...	...	...	...
2. Non-intoxicating—									
(a) Medical preparations.	...	...	...	...	...	...	...	...
(b) Others	42	2	...	...	...	...	412	2	
VI.—Dyes and Tans—									
1. Al (Morinda citrifolia)	...	...	...	...	...	...	...	...
2. Alizarine and aniline dyes	...	...	...	...	...	...	...	...
3. Cutch	...	...	...	...	...	...	...	...
4. Indigo	...	...	...	...	...	...	...	...
5. Myrabolams	...	...	...	...	...	...	...	...
6. Tanning barks	...	...	...	...	...	...	...	...
7. Turmeric	9	1	...	...	...	...	9	1	
8. Others	...	...	14	1	14	1	...	...
VII.—Fodder—									
1. Oilcake	...	...	...	...	...	...	...	...
2. Hay, straw and grass	...	...	...	...	...	...	...	...
VIII.—Fruits and vegetables, fresh	27	1	192	11	165	10	...	...
IX.—Grain and Pulse—									
1. Gram and pulse	2,132	33	3,053	46	921	13	...	...
2. Jawar and bajra	...	...	...	...	...	...	...	...
3. Rice {in the husk	2,232	42	6,067	130	3,835	88	...	...
4. {not in the husk	2,401	31	4,650	83	2,249	62	...	...
5. Wheat	4	1	379	9	375	8	...	...
6. Wheat-flour	...	...	23	1	19	...	...	...
7. Makai	...	...	...	...	...	...	...	...
8. Others	5,059	93	1,849	212	...	119	3,210	...	
X.—Hides and Skins—									
1. Hides of cattle—									
(a) Dressed or tanned	...	...	...	...	...	...	...	...
(b) Raw	47	2	265	8	218	6	...	...
2. Skins of sheep and other animals—									
(a) Dressed or tanned	...	...	...	...	...	...	...	...
(b) Raw	65	3	67	2	2	...	...	1	
XI.—Horns	4	1	2	1	...	...	2	...	
XII.—Hemp (Indian) and other fibres, excluding jute.	...	...	1,200	22	1,200	22	...	...
XIII.—Jute—									
1. Raw	...	...	...	...	...	...	...	...
2. Gunny bags and cloth	1,228	62	724	35	...	...	504	27	
XIV.—Lac	...	...	...	...	...	...	...	...
XV.—Leather—									
1. Unwrought	3	1	2	3	2	3	3	1	
2. Wrought, excepting boots and shoes.	...	...	...	...	...	...	...	...
XVI.—Liquors—									
1. Ale and Beer	...	...	...	...	...	...	...	...
2. Spirits of all kinds, including country spirits.	...	...	...	...	...	...	...	...
3. Wine	...	...	3	1	3	1	...	...
4. All other sorts, including toddy and fermented liquor, other than ale and beer.	...	...	...	...	...	...	...	...
XVII.—Metals—									
1. Brass, unwrought	8	1	...	...	...	...	8	1	
2. " wrought	98	5	222	12	124	7	...	...
3. Copper, unwrought	...	...	...	...	...	...	...	...
4. " wrought	...	...	148	8	148	8	...	...
5. Iron and steel—									
(a) Cast	...	...	...	...	...	...	...	...
(b) Unwrought	...	...	...	...	...	...	...	...
(c) Wrought	373	8	102	(-)9	...	...	373	17	
(d) Manufactures	165	7	154	8	154	8	63	5	
6. Others	...	...	...	...	...	...	...	...
XVIII.—Oils—									
1. Kerosine	1,361	26	1,447	22	86	...	...	4	
2. Castor	...	...	6	1	6	1	...	...
3. Coconut	8	1	11	1	3	...	...	...
4. Mustard and rape	...	...	...	...	...	...	...	...
5. Others	6	1	...	...	...	...	6	1	

DESCRIPTION OF GOODS.	1901.		1902.		Increase.		Decrease.		Explanation of fluctuations by the Traffic Manager.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	
XIX.—Oilseeds—									
1. Castor ... ..	...	...	...	...	...	...	...	...
2. Earthnuts ... ..	...	...	...	...	...	...	...	...
3. Linseed	10,272	256	2,072	48	...	...	8,200	208	
4. Poppy ... ..	...	...	...	...	...	...	...	...
5. Rape and mustard ... ..	...	...	636	15	636	15	...	...
6. Til or linjili ... ..	...	...	...	...	...	...	...	...
7. Others	130	3	...	...	...	...	130	3	
XX.—Opium ... ..	...	...	...	...	...	...	...	...
XXI.—Paper and pasteboard ...	36	2	...	...	...	...	36	2	
XXII.—Provisions—									
1. Dried fruits and nuts ...	...	...	23	1	23	1	...	...
2. Ghee ... ..	...	...	...	...	...	...	...	...
3. Others	179	6	450	11	271	5	...	...
XXIII.—Railway Plant and Rolling Stock carried for the Public and Foreign Railways—									
1. Locomotive engines and tenders and parts thereof.	...	...	...	...	...	...	...	...
2. Carriages and trucks and parts thereof.	...	...	...	...	...	...	...	...
3. Materials—									
(a) Steel rails and fish-plates.	...	...	...	...	...	...	...	...
(b) Sleepers and keys of steel and cast-iron.	...	...	...	...	...	...	...	...
(c) Others ... ..	...	...	...	...	...	...	...	...
XXIV.—Salt	3,385	76	3,600	57	215	...	...	19	
XXV.—Saltpetre and other saline substances—									
1. Saltpetre ... ..	...	...	...	...	...	...	...	...
2. Other saline substances	...	...	...	...	...	...	...	...
XXVI.—Silk—									
1. Raw—									
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	...	...	...	...	...	...
2. Piece-goods—									
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	...	...	...	...	...	...
XXVII.—Spices—									
1. Betelnuts ... ..	...	...	172	8	172	8	...	...
2. Cardamoms ... ..	...	...	...	...	...	...	...	...
3. Chillies	56	3	...	...	...	...	56	3	
4. Ginger ... ..	...	...	10	1	10	1	...	...
5. Pepper ... ..	...	...	436	25	423	24	...	...
6. Others	53	1	...	...	...	...	...	...
XXVIII.—Stone and lime ...	...	...	...	...	...	...	...	...
XXIX.—Sugar—									
1. Refined or crystallised, including sugarcandy.	124	2	134	2	10	...	...	...
2. Unrefined—									
(a) Sugar ... ..	...	...	13	1	13	1	...	...
(b) Gur, rab, jaggery, molasses and other saccharine produce.	...	...	63	10	63	10	...	...
XXX.—Tea—									
1. Foreign ... ..	...	...	...	...	...	...	...	...
2. Indian ... ..	...	...	...	...	...	...	...	...
XXXI.—Tobacco—									
1. Unmanufactured	790	44	934	44	144	...	...	...
2. Manufactured—									
(a) Cigars	4	1	41	14	37	13	...	...
(b) Other sorts ... ..	...	...	38	2	38	2	...	...
XXXII.—Wood—									
1. Timber, unwrought ... ..	...	...	116	5	116	5	...	...
2. Logs	924	14	1,196	39	272	25	...	...
3. Poles ... ..	...	...	...	...	...	...	...	...
4. Manufactures ... ..	...	...	3	1	3	1	...	...
XXXIII.—Wool—									
1. Raw ... ..	...	...	...	...	...	...	...	...
2. Manufactured—									
(a) Carpets and rugs ... ..	...	...	...	...	...	...	...	...
(b) Piece-goods (European)	...	...	...	...	...	...	...	...
(c) Piece-goods (Indian)	15	1	32	1	...	...	...	...
(d) Other sorts of manufactures.	...	...	...	...	...	...	...	...
XXXIV.—All other articles of merchandise—									
1. Indigo-seed	6	1	...	...	...	...	6	1	
2. Firewood ... ..	...	...	...	...	...	...	...	...
3. Others not specified above.	765	42	756	30	...	...	9	12	
Total ...	33,480	843	32,149	980	12,072	464	13,403	327	No remarks.

GORAKHPUR, the 10th December 1902.

J. LIGHTFOOT,
Chief Auditor.

DESCRIPTION OF GOODS.	1901.		1902.		Increase.		Decrease.		Explanation of fluctuations by the Traffic Manager.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	
XIX.—Oilseeds—									
1. Castor ... ..	...	...	...	...	...	...	...	...
2. Earthnuts ... ..	...	...	...	...	...	...	...	...
3. Linseed	7,494	170	347	8	...	...	7,147	163	
4. Poppy ... ..	...	...	...	...	...	...	...	...
5. Rape and mustard ... ..	...	...	...	...	...	...	...	...
6. Til or jinjili ... ..	...	...	...	...	...	...	...	...
7. Others	123	3	...	...	...	...	123	3	
XX.—Opium ... ..	...	...	...	...	...	...	...	...
XXI.—Paper and pasteboard ...	344	20	2	1	...	...	342	19	
XXII.—Provisions—									
1. Dried fruits and nuts ...	14	1	18	1	4	...	...	...
2. Ghee ... ..	...	...	...	...	...	...	...	...
3. Others	175	8	279	13	104	5	...	...
XXIII.—Railway plant and rolling-stock carried for the public and foreign railways—									
1. Locomotive engines and tenders and parts thereof.	...	...	...	...	...	...	...	...
2. Carriages and trucks and parts thereof.	...	...	...	...	...	...	...	...
3. Materials—									
(a) Steel rails and fish-plates.	...	...	...	...	...	...	...	...
(b) Sleepers and keys of steel and cast-iron.	...	...	...	...	...	...	...	...
(c) Others ... ..	...	...	...	...	...	...	...	...
XXIV.—Salt	2,000	30	2,000	39	...	9	...	...
XXV.—Saltpetre and other saline substances—									
1. Saltpetre ... ..	...	...	...	...	...	...	...	...
2. Other saline substances ...	...	...	5	1	5	1	...	...
XXVI.—Silk—									
1. Raw—									
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	...	...	...	...	...	...
2. Piece-goods—									
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	...	...	...	...	...	...
XXVII.—Spices—									
1. Betelnuts	70	2	233	17	163	15	...	...
2. Cardamoms ... ..	...	...	3	1	3	1	...	...
3. Chillies	32	1	22	1	...	...	10	...	
4. Ginger ... ..	...	...	...	...	...	...	...	...
5. Pepper	76	5	143	3	67	...	...	...
6. Others	77	3	182	20	105	17	...	...	2
XXVIII.—Stone and lime	134	12	15	1	...	...	119	11	
XXIX.—Sugar—									
1. Refined or crystallized, including sugarcandy.	69	2	96	3	27	1	...	...
2. Unrefined—									
(a) Sugar ... ..	...	...	42	1	42	1	...	...
(b) Gur, rab, jaggree, molasses, and other saccharine produce.	...	...	109	4	109	4	...	...
XXX.—Tea—									
1. Foreign ... ..	...	...	...	...	...	...	...	...
2. Indian ... ..	...	...	...	...	...	...	...	...
XXXI.—Tobacco—									
1. Unmanufactured	506	67	603	38	37	...	...	...	29
2. Manufactured—									
(a) Cigars ... ..	...	...	...	...	...	...	...	...
(b) Other sorts ... ..	...	...	...	...	...	...	...	...
XXXII.—Wood—									
1. Timber, unwrought ... ..	...	...	...	...	...	...	...	...
2. Logs	652	9	1,304	36	652	27	...	...
3. Poles ... ..	...	...	...	...	...	...	...	...
4. Manufactures	2	1	626	11	624	10	...	...
XXXIII.—Wool—									
1. Raw ... ..	...	...	...	...	...	...	...	...
2. Manufactured—									
(a) Carpets and rugs ... ..	...	...	...	...	...	...	...	...
(b) Piece-goods {European	...	...	...	...	...	...	...	...
(c) } Indian	...	...	23	2	23	2	...	...
(d) Other sorts of manufactures.	...	...	...	...	...	...	...	...
XXXIV.—All other articles of merchandise—									
1. Indigo-seed ... ..	...	...	...	...	...	...	...	...
2. Firewood ... ..	...	...	...	...	...	...	...	...
3. Others not specified above	628	29	913	43	85	14	...	...
Total	32,033	921	32,399	697	13,645	405	12,279	429	No remarks.

Gorakhpur, the 19th December 1902.

J. LIGHTFOOT,
Chief Auditor.

DESCRIPTION OF GOODS.	1901.		1902.		Increase.		Decrease.		Explanation of fluctuations by the Traffic Manager.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	
XIX.—Oilseeds—									
1. Castor ... ..	...	...	...	...	...	...	...	...
2. Earthnuts ... ..	...	...	...	...	...	...	...	...
3. Linseed	5,816	120	4,036	91	...	...	1,780	29	
4. Poppy ... ..	...	...	...	...	...	...	...	...
5. Rape and mustard	299	6	338	8	39	2	...	...
6. Til or jinjili ... ..	...	...	...	...	...	...	...	...
7. Others	316	7	63	1	...	...	253	6	
XX.—Opium ... ..	...	...	...	...	...	...	...	...
XXI.—Paper and Pasteboard	5	1	3	1	...	...	2	...	
XXII.—Provisions—									
1. Dried fruits and nuts ... ..	...	...	25	1	25	1	...	...
2. Ghee ... ..	...	...	4	1	4	1	...	...
3. Others	241	10	214	8	...	...	27	2	
XXIII.—Railway Plant and Rolling Stock carried for the Public and Foreign Railways—									
1. Locomotive engines and tenders and parts thereof. ... ..	...	...	...	...	...	...	...	...
2. Carriages and trucks and parts thereof. ... ..	...	...	...	...	...	...	...	...
3. Materials—									
(a) Steel rails and fish-plates. ... ..	...	...	...	...	...	...	...	...
(b) Sleepers and keys of steel and cast- iron. ... ..	...	...	...	...	...	...	...	...
(c) Others ... ..	...	...	...	...	...	...	...	...
XXIV.—Salt	2,387	44	2,216	32	...	...	171	12	
XXV.—Saltpetre and other saline substances—									
1. Saltpetre	6	1	...	...	...	...	6	1	
2. Other saline substances ... ..	...	...	...	...	...	...	...	...
XXVI.—Silk—									
1. Raw—									
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	...	...	...	...	...	...
2. Piece-goods—									
(a) Foreign ... ..	...	...	...	...	...	...	...	...
(b) Indian ... ..	...	...	...	...	...	...	...	...
XXVII.—Spices—									
1. Betelnuts	94	3	263	13	169	10	...	...
2. Cardamoms ... ..	...	...	3	1	3	1	...	...
3. Chillies ... ..	...	...	...	...	...	...	...	...
4. Ginger ... ..	...	...	...	...	...	...	...	...
5. Pepper	149	8	95	6	...	...	54	2	
6. Others	311	12	312	17	1	5	...	...
XXVIII.—Stone and lime	130	6	...	...	...	...	130	6	
XXIX.—Sugar—									
1. Refined or crystallised, including sugarcandy.	613	8	181	4	...	...	432	4	
2. Unrefined—									
(a) Sugar	4	1	40	1	36	...	...	...
(b) Gur, rab, jaggery, molasses and other saccharine produce. ... ..	...	...	...	...	...	...	...	...
XXX.—Tea—									
1. Foreign ... ..	...	...	...	...	...	...	...	...
2. Indian ... ..	...	...	...	...	...	...	...	...
XXXI.—Tobacco—									
1. Unmanufactured	576	25	70	4	...	...	506	21	
2. Manufactured—									
(a) Cigars ... ..	...	...	243	23	243	23	...	...
(b) Other sorts ... ..	...	...	32	2	32	2	...	...
XXXII.—Wood—									
1. Timber, unwrought ... ..	...	...	...	...	...	...	...	...
2. Logs	997	14	979	13	...	...	18	1	
3. Poles ... ..	...	...	...	...	...	...	...	...
4. Manufactures	81	4	...	...	...	...	81	4	
XXXIII.—Wool—									
1. Raw ... ..	...	...	...	...	...	...	...	...
2. Manufactured—									
(a) Carpets and rugs ... ..	...	...	...	...	...	...	...	...
(b) Piece-goods { European ... ..	...	...	...	...	...	...	...	...
(c) { Indian	4	1	30	1	26	...	...	...
(d) Other sorts of manu- factures. ... ..	...	...	...	...	...	...	...	...
XXXIV.—All other articles of merchan- dise—									
1. Indigo-seed ... ..	...	...	...	...	...	...	...	...
2. Firewood ... ..	...	...	...	...	...	...	...	...
3. Others not specified above.	1,821	72	367	25	...	...	1,454	47	
Total	34,985	828	29,646	780	7,479	236	12,818	284	No remarks.

GORAKHPUR, the 19th December 1902.

J. LIGHTFOOT,
Chief Auditor.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 29th November 1902 on 1,913.28 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	(a) 347,712	Rs. A. P. 4,02,239 7 0	Mds. s. 53,27,618 20	Rs. A. P. 9,77,199 6 0	Rs. A. P. 20,345 0 0	Rs. A. P. 13,99,833 13 0	118,777	187,108	305,885
Or per mile of railway ...	.....	.....	.....	.....	.....	.....	.....	.....	.....
For previous 20½ weeks of half-year.	7,602,721*	75,77,335 1 0*	10,06,99,167 0*	1,63,50,668 7 0†	4,21,582 0 0‡	2,43,49,485 8 0	2,311,607§	3,65,117§	5,966,812
Total for 21½ weeks ...	7,950,433	79,79,524 8 0	10,60,26,785 20	1,73,27,867 13 0	4,41,927 0 0	2,57,49,319 5 0	2,431,472	3,842,235	6,272,607
COMPARISON.									
Total for corresponding week of previous year.	419,339‡	Rs. 44,576 8 10	54,13,210 30	9,33,514 4 10	24,516 9 7	14,03,707 7 3	109,595‡	188,959‡	298,555
Per mile of railway corresponding week of previous year.	.....	242 7 7	.....	507 14 2	13 5 5	763 11 2	.....	.....	.....
Total for corresponding 21½ weeks of previous year.	8,067,682	92,47,736 0 10	11,16,28,314 20	1,98,44,405 14 2	4,67,614 13 4	2,95,59,816 11 1	2,413,406	4,204,651‡	6,618,057‡

(a) The decrease is due to heavier pilgrim traffic in the corresponding period of 1901.
(b) The increase is chiefly in food-grains and opium.
* Added No. of passengers 4,038 and Rs. 21,894 } On account of difference between the approximate and audited figures for the week ended 15th October 1902.
† Deducted mds. 541,599 and .. 1,782 }
‡ Added .. 1,997 }
§ Audited figures up to 18th October 1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate. Rs. A. P.
* 1,913'40	13 days of July ...	716,603	6,65,787	86,38,982	14,63,289	31,611	21,64,687	1,129	509,575	4 3 10
* 1,913'40	Week ended 19th July ...	441,138	3,78,481	47,42,801	8,02,446	16,685	11,97,612	626	283,531	4 2 5
* 1,913'40	" " 26th " ...	370,207	3,75,806	45,66,618	7,07,453	16,816	11,90,078	575	279,023	3 15 1
* 1,913'40	" " 2nd Aug. ...	345,725	3,31,083	49,81,101	7,36,433	28,773	10,86,789	568	283,468	3 12 11
* 1,913'40	" " 9th " ...	353,308	3,26,968	46,08,069	7,29,710	21,320	10,81,198	565	277,563	3 14 4
* 1,913'28	" " 16th " ...	861,659	8,33,320	47,51,171	7,35,191	23,466	10,95,977	573	273,199	4 0 2
* 1,913'28	" " 23rd " ...	358,929	3,17,094	41,55,743	6,66,506	18,780	10,02,380	524	270,291	3 11 4
* 1,913'28	" " 30th " ...	817,179	8,29,525	44,37,208	7,34,809	20,326	10,84,660	567	288,559	3 12 2
* 1,913'28	" " 6th Sept. ...	313,397	3,04,378	54,00,999	7,82,675	20,347	11,07,300	579	297,794	3 11 6
* 1,913'28	" " 13th " ...	339,339	3,07,832	45,34,910	7,57,052	19,130	10,84,014	567	287,170	3 12 5
* 1,913'28	" " 20th " ...	415,452	4,09,167	49,78,755	7,27,205	19,471	11,55,843	604	288,592	4 0 1
* 1,913'28	" " 27th " ...	372,151	3,71,690	53,35,928	7,82,171	23,904	11,77,765	616	285,063	4 2 0
* 1,913'28	" " 4th Oct. ...	389,931	4,08,956	55,06,493	8,25,378	18,765	12,53,299	655	304,720	4 4 0
* 1,913'28	" " 11th " ...	376,550	3,65,084	48,12,928	7,76,377	20,213	11,02,674	581	293,881	4 0 7
* 1,913'28	" " 18th " ...	354,735	4,00,527	35,42,283	5,51,662	20,914	10,73,165	563	293,498	4 5 1
* 1,913'28	" " 25th " ...	328,510	3,57,846	51,77,540	8,91,378	18,368	12,67,592	671	303,128	4 3 9
1,913'28	" " 1st Nov. ...	321,680	3,55,433	50,00,154	9,09,454	18,668	12,85,555	642	276,653	4 7 0
1,913'28	" " 8th " ...	359,057	4,00,816	46,20,822	8,08,233	19,500	13,81,659	722	303,637	4 8 10
1,913'28	" " 15th " ...	389,090	4,17,554	54,57,024	9,44,697	20,095	13,65,024	713	304,232	4 7 9
1,913'28	" " 22nd " ...	378,239	4,25,909	45,49,548	9,20,939	20,095	13,65,024	713	304,232	4 7 9
1,913'28	" " 29th " ...	347,712	4,02,239	53,27,619	9,77,199	20,345	13,99,834	731	305,885	4 9 3
	Totals up to date ...	7,950,433	79,79,524	10,60,26,786	1,73,27,867	4,41,927	2,57,49,319	620	6,272,607	4 1 8

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate. Rs. A. P.
1,837'46	13 days of July ...	707,203	7,62,573	1,01,38,391	18,92,791	34,036	26,89,490	1,464	588,992	4 3 4
1,837'79	Week ended 20th " ...	335,819	3,75,696	54,41,787	9,82,343	19,432	13,77,344	749	325,917	4 3 5
1,838'04	" " 27th " ...	436,037	4,34,098	50,18,440	9,75,870	20,231	14,31,099	719	325,316	4 3 7
1,838'04	" " 3rd Aug. ...	427,884	4,38,768	52,95,540	9,67,492	19,952	14,74,216	802	331,217	4 6 4
1,838'04	" " 10th " ...	418,883	4,53,909	53,98,299	8,91,256	20,579	13,65,744	743	319,146	4 4 0
1,838'04	" " 17th " ...	358,098	4,41,633	51,37,112	8,18,702	21,789	12,82,144	698	301,468	4 4 1
1,838'04	" " 24th " ...	358,115	3,35,888	44,31,865	8,01,862	21,047	11,58,797	630	289,670	4 0 0
1,838'04	" " 31st " ...	381,650	3,45,475	50,08,446	8,60,264	20,035	12,25,774	667	295,548	4 2 4
1,838'04	" " 7th Sept. ...	366,453	3,74,375	51,54,918	8,13,680	18,184	12,06,239	655	287,726	4 3 1
1,838'04	" " 14th " ...	373,976	3,93,121	48,88,620	8,16,504	23,741	12,33,366	671	285,479	4 5 2
1,838'04	" " 21st " ...	358,471	3,72,009	48,86,837	8,88,527	24,354	12,84,890	699	296,548	4 5 4
1,838'04	" " 28th " ...	449,011	4,66,744	48,90,666	9,14,030	19,034	13,99,828	762	299,063	4 10 11
1,838'04	" " 5th Oct. ...	407,960	4,09,315	56,95,173	9,70,466	22,651	14,02,432	763	301,843	4 10 4
1,838'04	" " 12th " ...	397,210	3,98,637	55,19,322	9,70,397	19,028	13,88,683	757	292,667	4 10 1
1,838'04	" " 19th " ...	404,620	4,37,432	52,20,643	8,94,020	23,795	13,55,178	755	282,373	4 0 3
1,838'04	" " 26th " ...	374,539	4,20,426	39,60,233	6,89,717	22,915	11,33,958	616	289,462	4 13 6
1,838'04	" " 2nd Nov. ...	366,931	4,24,345	51,63,683	9,53,135	22,802	14,00,282	762	305,584	5 1 6
1,838'04	" " 9th " ...	395,312	4,05,966	54,15,680	10,37,415	22,830	15,56,211	847	311,435	4 7 3
1,838'04	" " 16th " ...	428,390	5,06,710	45,25,775	8,61,423	19,356	13,87,489	765	291,135	4 13 2
1,838'04	" " 23rd " ...	411,048	4,06,053	46,95,734	9,11,132	27,366	14,04,541	764	298,555	4 11 3
1,838'04	" " 30th " ...	419,383	4,45,677	54,13,211	9,33,514	24,517	14,03,707	764	298,555	4 11 3
	Totals up to date ...	8,067,682	92,47,736	11,16,28,315	1,98,44,405	4,67,615	2,95,59,816	739	6,618,058	4 7 5

* Audited figures.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 29th November 1902 on 22.25 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ..	20,656	5,101 12 0	26,972 20	1,250 0 0	9 0 0	6,360 12 0	1,063	125	1,188
Or per mile of railway ...	229 7 11		56 3 9	56 3 9	0 6 5	284 2 1			
For previous 20½ weeks of half-year.	439,933	1,04,047 8 0*	3,63,238 20†	14,368 2 0†	173 0 0‡	1,18,558 10 0	22,196§	2,188§	23,684
Total for 21½ weeks ...	460,589	1,09,149 4 0	3,90,210 0	15,618 2 0	182 0 0	1,24,949 6 0	23,559	2,313	25,872
COMPARISON.									
Total for corresponding week of previous year.	19,370	4,521 9 5	15,485 20	655 5 0	10 14 6	5,187 12 11	1,066	122	1,188
Per mile of railway corresponding week of previous year.	.....	203 6 5	.....	29 7 8	0 7 10	233 5 11	.....	.....	.....
Total for corresponding 21½ weeks of previous year.	467,664‡	1,06,602 2 11	2,90,435 20	12,305 10 0	164 15 5	1,19,132 12 5	23,783	2,265	26,048

* Added No. of passengers 262 and Rs. 35

† Do. Mds. 180 and .. 10

‡ Do. .. 5

§ Audited figures up to 18th October 1902.

On account of difference between the approximate and audited figures for the week ended 18th October 1902.

1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
* 22-23	12 days of July	41,661	10,019	72,677	1,575	10	11,604	522	2,068	5 9 9
* 22-23	Week ended 19th July ...	31,057	6,929	10,687	403	10	7,342	330	1,232	5 15 4
* 22-23	" " 26th " ..	22,847	5,357	19,055	504	6	5,867	264	1,188	4 16 0
* 22-23	" " 2nd August	16,806	3,700	8,881	334	11	4,105	185	1,188	3 7 3
* 22-23	" " 9th " ...	19,403	4,747	7,568	859	5	5,611	232	1,188	4 11 7
* 22-23	" " 16th " ...	20,417	4,888	5,734	240	13	5,141	231	1,188	4 5 3
* 22-23	" " 23rd " ...	18,209	4,081	8,803	372	7	4,460	201	1,188	3 12 1
* 22-23	" " 30th " ...	15,615	3,454	8,619	372	9	3,835	173	1,188	3 5 8
* 22-23	" " 6th Sept.	17,119	4,006	8,426	332	6	4,483	202	1,188	3 12 5
* 22-23	" " 13th " ...	20,384	4,319	9,041	392	3	4,714	213	1,188	3 15 6
* 22-23	" " 20th " ...	18,349	3,903	10,975	444	15	4,453	200	1,188	3 12 0
* 22-23	" " 27th " ...	19,688	4,430	16,918	568	8	5,006	225	1,188	4 3 5
* 22-23	" " 4th Oct.	20,289	4,872	16,918	702	6	5,580	251	1,188	4 11 2
* 22-23	" " 11th " ...	24,420	5,824	28,434	919	13	6,755	304	1,188	5 11 0
* 22-23	" " 18th " ...	23,132	5,482	17,336	756	13	6,221	279	1,188	5 3 9
* 22-23	" " 25th " ...	23,808	5,737	21,515	922	8	6,667	300	1,188	5 9 9
* 22-23	" " 1st Nov.	21,340	5,227	17,366	729	8	5,994	270	1,188	5 0 9
* 22-23	" " 8th " ...	22,318	5,967	21,729	1,003	7	6,977	314	1,188	5 14 0
* 22-23	" " 15th " ...	20,401	5,268	27,568	1,055	7	6,030	312	1,188	5 13 4
* 22-23	" " 22nd " ...	23,191	5,598	27,453	1,238	9	6,846	308	1,188	5 12 2
* 22-23	" " 29th " ...	20,656	5,107	26,973	1,250	9	6,361	286	1,188	5 5 8
Totals up to date ...		460,589	1,09,149	3,90,210	15,618	182	1,24,949	259	25,872	4 13 3

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
* 22-23	13 days of July	41,388	9,910	20,302	736	18	10,714	482	2,244	4 12 5
* 22-23	Week ended 20th July ...	19,532	4,533	5,910	227	8	4,808	216	1,188	4 0 9
* 22-23	" " 27th " ...	30,403	6,411	7,351	310	6	727	303	1,232	5 7 4
* 22-23	" " 3rd August	24,864	5,489	5,586	234	5	5,728	258	1,188	4 13 2
* 22-23	" " 10th " ...	1,089	4,807	6,937	312	10	5,123	231	1,188	4 5 1
* 22-23	" " 17th " ...	19,154	4,434	7,207	276	8	4,718	212	1,188	3 16 7
* 22-23	" " 24th " ...	18,080	3,901	8,841	291	6	4,198	189	1,188	3 8 6
* 22-23	" " 31st " ...	19,503	4,339	8,683	364	9	4,712	212	1,188	3 15 6
* 22-23	" " 7th Sept.	14,501	3,198	7,316	278	7	3,443	157	1,188	3 14 11
* 22-23	" " 14th " ...	20,350	4,263	13,302	471	11	4,745	213	1,188	3 15 11
* 22-23	" " 21st " ...	18,575	4,086	9,259	335	3	4,424	199	1,188	3 11 7
* 22-23	" " 28th " ...	19,644	4,440	13,802	537	9	4,986	224	1,188	4 3 2
* 22-23	" " 5th Oct.	19,831	4,451	19,187	782	7	5,240	236	1,188	4 6 7
* 22-23	" " 12th " ...	22,165	4,951	21,059	802	4	5,847	263	1,188	4 14 9
* 22-23	" " 19th " ...	24,001	5,589	17,114	735	7	6,331	285	1,188	5 5 3
* 22-23	" " 26th " ...	23,653	5,637	17,676	804	7	6,448	290	1,188	5 6 10
* 22-23	" " 2nd Nov.	23,453	5,636	24,737	1,285	10	6,921	311	1,188	5 13 3
* 22-23	" " 9th " ...	25,053	6,000	18,948	822	2	6,824	307	1,188	5 11 11
* 22-23	" " 16th " ...	20,316	4,999	18,319	821	10	5,430	244	1,188	4 9 2
* 22-23	" " 23rd " ...	22,723	5,416	23,674	1,168	7	6,531	294	1,188	5 7 11
* 22-23	" " 30th " ...	19,370	4,522	15,485	655	11	5,188	233	1,188	4 5 10
Totals up to date ...		467,665	1,06,602	2,90,436	12,305	165	1,19,132	245	26,048	4 9 2

* Audited figures.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 29th November 1902 on 162.24 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	20,478	22,843 10 0	1,60,311 30	18,806 2 0	81 0 0	41,730 12 0	10,010	6,363	16,373
Or per mile of railway	140 12 10	140 12 10	115 14 8	115 14 8	0 8 0	257 3 6	.....	.....	.....
For previous 20½ weeks of half-year	428,565*	4,16,647 8 0*	42,40,862 0†	3,61,163 14 0†	1,208 0 0‡	7,79,019 6 0	189,312§	162,969§	292,271
Total for 21½ weeks	449,043	4,39,491 2 0	44,01,173 30	3,79,970 0 0	1,289 0 0	8,20,750 2 0	199,323	169,319	368,642
COMPARISON.									
Total for corresponding week of previous year.	22,035‡	17,347 9 6	2,7,276 10	15,103 0 10	227 5 0	32,677 15 4	6,036‡	3,485	10,421‡
Per mile of railway corresponding week of previous year.	.....	106 14 10	.....	93 1 5	1 6 5	201 6 8	.....	.....	.....
Total for corresponding 21½ weeks of previous year.	609,032‡	5,37,279 0 3	26,78,037 30	2,91,206 12 10	1,713 3 9	8,30,199 0 10	193,985	76,700	270,745

* Added No. of passengers 1,300 and Rs. 2,062 } On account of difference between the approximate and audited figures for the week ended
† Do. Mds. 24,634 and † 4,374 } 18th October 1902.
‡ Do. " 24 }
§ Audited figures up to 15th October 1902.

1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
* 162'24	12 days of July	40,893	34,091	1,48,494	19,647	93	51,831	319	22,783	Rs. A. P.
* 162'24	Week ended 19th "	22,411	17,963	5,62,416	15,263	42	33,272	205	13,707	2 4 5
* 162'24	" " 26th "	26,297	22,107	1,02,087	8,894	32	31,733	191	13,778	2 6 19
* 162'24	" " 2nd Aug.	20,154	15,926	1,00,392	7,715	40	23,681	146	13,472	2 4 0
* 162'24	" " 9th "	21,716	17,112	92,516	7,445	58	24,613	132	12,810	1 13 1
* 162'24	" " 16th "	21,536	16,893	94,439	9,650	48	26,566	164	12,376	2 2 4
* 162'24	" " 23rd "	19,721	14,376	2,79,113	15,016	59	27,451	169	12,233	2 1 2
* 162'24	" " 30th "	20,452	20,518	97,469	10,404	47	31,359	193	12,762	2 7 4
* 162'24	" " 6th Sept.	20,187	20,292	3,32,663	11,246	60	31,598	195	13,871	2 4 5
* 162'24	" " 13th "	19,997	20,330	2,63,824	12,718	41	33,129	201	13,188	2 8 2
* 162'24	" " 20th "	18,725	17,324	79,421	10,432	59	27,815	171	12,890	2 2 8
* 162'24	" " 27th "	16,296	15,723	5,04,588	17,099	60	33,798	208	13,292	2 5 0
* 162'24	" " 4th Oct.	19,733	17,081	1,84,126	14,107	98	31,286	193	13,518	2 4 2
* 162'24	" " 11th "	19,131	21,941	1,38,966	12,089	107	34,077	210	13,005	3 3 10
* 162'24	" " 18th "	21,858	23,240	1,02,095	25,102	75	45,417	238	14,954	3 10 9
* 162'24	" " 25th "	19,990	22,331	1,72,170	32,625	50	54,906	381	16,074	2 13 10
* 162'24	" " 1st Nov.	19,539	23,719	1,84,865	22,289	48	46,066	416	16,198	4 2 8
* 162'24	" " 8th "	21,293	25,134	2,79,173	42,327	53	67,513	313	16,975	2 16 11
* 162'24	" " 15th "	20,660	27,462	2,10,444	23,331	62	67,835	449	17,307	4 3 4
* 162'24	" " 22nd "	18,998	24,005	2,17,066	48,699	77	72,781	257	16,276	2 9 0
* 162'24	" " 29th "	20,478	22,844	1,60,312	18,806	81	41,731	257	16,276	2 9 0
	Totals up to date	449,043	4,39,491	44,01,174	3,79,970	1,339	8,20,750	233	368,642	2 10 7

* Audited figures.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
162'24	13 days of July	41,383	31,192	3,15,809	30,744	82	62,018	382	21,945	Rs. A. P.
162'24	Week ended 20th "	23,979	17,801	88,131	10,705	49	28,555	179	11,711	2 13 2
162'24	" " 27th "	21,024	18,927	85,877	10,092	43	29,062	179	11,234	2 7 0
162'24	" " 3rd Aug.	21,632	23,416	94,502	11,812	60	34,288	211	11,363	2 9 5
162'24	" " 10th "	21,587	19,225	1,98,544	11,540	34	30,799	190	11,899	3 0 2
162'24	" " 17th "	19,937	18,973	1,02,422	6,468	48	24,587	152	12,104	2 9 7
162'24	" " 24th "	20,400	15,231	61,939	10,682	33	25,946	169	13,002	2 0 6
162'24	" " 31st "	19,676	16,611	72,947	8,726	56	25,393	153	11,553	2 5 9
162'24	" " 7th Sept.	18,548	15,492	1,56,223	9,319	61	24,872	171	11,534	2 6 6
162'24	" " 14th "	17,883	16,768	73,573	10,929	59	27,741	233	11,800	3 3 2
162'24	" " 21st "	21,113	19,793	1,97,933	16,548	64	37,735	321	11,871	3 0 3
162'24	" " 28th "	18,310	19,772	1,01,202	16,013	42	30,754	227	11,293	3 4 1
162'24	" " 5th Oct.	20,404	20,032	1,55,207	16,674	46	34,069	210	11,654	2 14 7
162'24	" " 12th "	17,979	19,329	1,17,719	14,723	105	30,766	227	11,461	3 3 4
162'24	" " 19th "	19,583	21,916	1,01,873	14,745	103	36,004	222	11,809	3 0 9
162'24	" " 26th "	20,420	21,486	88,485	14,424	121	42,987	265	11,952	3 9 7
162'24	" " 2nd Nov.	24,022	27,442	1,42,161	18,636	103	91,076	661	18,671	4 14 0
162'24	" " 9th "	91,701	73,337	1,05,833	19,073	219	93,368	575	19,663	4 12 0
162'24	" " 16th "	102,191	81,077	87,452	15,874	109	39,669	244	12,292	3 3 7
162'24	" " 23rd "	25,608	23,713	1,03,142	15,103	227	33,678	201	10,421	3 2 2
162'24	" " 30th "	22,036	17,348	2,27,276	15,103	227	33,678	201	10,421	3 2 2
	Totals up to date	609,033	5,37,279	26,78,033	2,91,207	1,713	8,33,199	231	270,745	3 1 2

SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 29th November 1902 on 78.76 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	9,720	5,340 7 0	34,438 20	2,755 3 0	11 0 0	8,106 10 0	1,887	1,007	2,894
Or per mile of railway ...	67 12 11			34 15 8	0 2 3	102 14 10			
For previous 29½ weeks of half-year	254,522*	1,38,393 6 0*	7,71,475 30†	50,759 2 0†	260 0 0‡	1,89,412 8 0	49,333‡	21,901‡	62,234
Total for 21½ weeks	264,242	1,43,733 13 0	8,05,914 10	53,514 5 0	271 0 0	1,97,519 2 0	42,220	22,908	65,128
COMPARISON.									
Total for corresponding week of previous year	13,126	6,358 2 0	24,884 10	1,948 3 0	16 1 5	8,322 6 3	2,008‡	1,051‡	3,140‡
Per mile of railway corresponding week of previous year		80 11 8		24 11 9	0 3 3	105 10 8			
Total for corresponding 21½ weeks of previous year	348,000‡	1,79,196 13 0	7,26,819 0	52,098 13 0	377 1 6	2,31,672 12	45,383‡	25,157	70,541

* Deducted No. of passengers 2,769 and Do. Mds. 17,007 and † Added " 182 } On account of difference between the approximate and audited figures for the week ended 18th October 1902. ‡ Audited figures up to 18th October 1902. " 3 }

1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.				No.	Rate.
*78-76	13 days of July	23,554	12,210	76,897	4,578	40	16,828	314	4,961	3 6 3
*78-76	Week ended 19th "	12,311	6,581	33,422	2,135	8	8,724	111	2,678	3 4 1
*78-76	" " 26th "	11,735	5,894	41,404	2,348	9	8,251	105	2,835	2 14 7
*78-76	" " 2nd Aug.	12,264	6,000	53,575	3,210	11	9,221	117	2,975	3 4 0
*78-76	" " 9th "	10,679	5,312	25,678	2,009	18	7,339	95	2,914	2 8 4
*78-76	" " 16th "	9,828	4,830	31,775	2,344	11	7,223	92	2,699	2 12 6
*78-76	" " 23rd "	9,464	4,706	31,775	2,344	6	7,066	90	2,605	2 11 4
*78-76	" " 30th "	9,081	4,648	29,735	2,535	15	7,198	91	2,780	2 12 2
*78-76	" " 6th Sept.	9,001	4,837	29,389	1,944	11	6,792	86	2,766	2 11 9
*78-76	" " 13th "	11,357	5,641	35,072	1,770	20	7,431	94	3,465	3 6 2
*78-76	" " 20th "	17,552	10,249	36,174	1,918	9	11,736	149	3,544	4 9 0
*78-76	" " 27th "	22,224	14,241	33,974	2,166	9	14,444	183	3,693	3 15 9
*78-76	" " 4th Oct.	19,915	12,269	40,476	3,406	14	8,884	113	3,105	2 12 11
*78-76	" " 11th "	10,193	5,464	25,037	2,384	8	7,769	99	2,914	2 10 8
*78-76	" " 18th "	10,114	5,377	36,833	2,751	10	8,418	107	2,756	3 0 10
*78-76	" " 25th "	9,115	6,037	33,831	2,341	12	7,953	101	3,032	2 10 0
*78-76	" " 1st Nov.	9,851	5,189	41,684	3,238	12	9,824	106	2,638	3 1 4
*78-76	" " 8th "	10,704	5,997	43,983	3,431	11	9,820	125	2,874	3 6 9
*78-76	" " 15th "	13,294	6,664	34,438	2,755	11	8,106	103	2,814	3 7 10
*78-76	" " 22nd "	11,836	6,777						2,894	2 12 10
*78-76	" " 29th "	9,720	5,340							
	Totals up to date	264,242	1,43,733	8,05,914	53,514	271	1,97,519	115	65,128	3 0 6

* Audited figures.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

78-76	Period.	No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
78-76	13 days of July	20,350	10,058	57,747	6,177	24	16,259	206	6,143	2 10 4
78-76	Week ended 26th "	12,298	5,885	50,236	3,121	8	8,994	114	3,507	2 11 6
78-76	" " 27th "	19,907	8,083	40,008	2,883	18	10,984	139	3,808	3 5 2
78-76	" " 3rd Aug.	32,988	13,656	51,095	3,216	14	16,885	214	5,386	4 15 9
78-76	" " 10th "	31,942	13,840	42,144	3,542	34	17,425	231	5,307	5 4 3
78-76	" " 17th "	23,221	11,728	38,833	2,740	21	14,489	184	3,908	4 6 1
78-76	" " 24th "	11,546	6,212	35,066	2,906	20	9,138	116	3,507	2 12 2
78-76	" " 31st "	10,525	5,616	28,040	1,812	15	7,413	96	3,508	2 4 0
78-76	" " 7th Sept.	10,142	5,643	23,620	1,702	11	7,356	93	3,405	2 2 0
78-76	" " 14th "	10,433	5,596	17,879	1,394	11	6,971	89	3,386	2 0 11
78-76	" " 21st "	11,084	5,126	27,073	2,059	17	7,202	91	3,308	2 2 10
78-76	" " 28th "	17,495	9,196	28,268	3,137	15	11,338	144	3,465	3 4 4
78-76	" " 5th Oct.	20,731	12,811	24,385	1,905	21	14,787	187	5,524	4 2 11
78-76	" " 12th "	18,677	11,431	25,327	2,148	11	13,590	173	3,303	4 1 9
78-76	" " 19th "	17,340	9,944	31,521	2,410	25	12,379	157	3,622	3 6 8
78-76	" " 26th "	11,114	6,329	25,228	2,112	20	8,461	107	2,914	2 14 5
78-76	" " 2nd Nov.	13,630	7,943	20,437	1,814	18	9,775	124	2,520	3 14 1
78-76	" " 9th "	14,540	8,445	33,001	2,271	30	10,746	135	2,677	4 0 3
78-76	" " 16th "	14,294	8,190	25,076	2,041	15	10,255	130	3,150	3 4 1
78-76	" " 23rd "	12,738	7,139	22,956	1,771	13	8,923	113	2,677	3 5 4
78-76	" " 30th "	13,126	6,358	24,884	1,948	16	8,322	106	3,150	2 10 3
	Totals up to date	348,000	1,79,197	7,26,819	52,098	377	2,31,672	135	70,541	3 4 7

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 6th December 1902 on 1,913.28 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	(a)	Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	329,751	4,12,780 12 0	50,98,255 10	9,20,036 5 0	20,313 0 0	13,53,130 1 0	118,405	185,311	303,616
Or per mile of railway	...	480 13 11	...	215 11 11	10 9 10	707 3 8	...	...	...
For previous 21½ weeks of half-year.	7,971,811*	80,32,972 8 0*	10,60,12,599 20†	1,73,53,022 13 0†	4,47,966 0 0‡	2,58,83,961 5 0	2,436,472§	3,849,519§	6,285,991
Total for 22½ weeks	8,301,562	84,45,753 4 0	11,11,10,854 30	1,82,73,059 2 0	4,68,279 0 0	2,71,87,091 6 0	2,554,877	4,034,730	6,589,607
COMPARISON.									
Total for corresponding week of previous year.	380,838‡	4,33,363 3 4	50,68,781 20	10,16,221 15 0	21,313 6 11	14,70,824 9 3	111,011‡	184,058‡	295,969‡
Per mile of railway corresponding week of previous year.	...	235 11 9	...	552 14 1	11 9 6	800 3 4	...	...	...
Total for corresponding 22½ weeks of previous year.	9,048,520‡	96,11,025 4 2	11,66,97,096 0	2,08,60,687 13 2	4,88,928 3 0	3,10,30,641 4 4	2,524,417‡	4,389,64 0	6,914,067‡

(a) The decrease is due to greater movements of marriage parties in the corresponding period of 1901.

(b) The decrease is chiefly in coal and piece-goods.
* Added No. of passengers 21,378 and Rs. 53,448 }
† Deducted mds. 14,186 and added " 25,155 } On account of difference between the approximate and audited figures for the weeks ended 25th October and 1st November 1902.
‡ Added " 6,039 }
§ Audited figures up to 1st November 1902.

1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of Railway.	Train mileage.	
		No. of Passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1,913'49	12 days of July ...	716,003	6,65,787	86,38,982	14,63,289	31,611	21,60,687	1,129	509,575	Rs. A. P.
1,913'49	Week ended 19th "	441,138	3,78,481	47,42,891	8,09,446	16,685	11,97,612	626	288,531	4 3 10
1,913'49	" " 26th "	370,267	3,75,806	45,66,618	7,07,453	16,816	11,00,075	575	279,023	4 2 5
1,913'49	" " 3rd Aug. ...	345,725	3,21,083	40,81,101	7,35,933	28,773	10,86,789	568	285,468	3 12 11
1,913'49	" " 10th "	353,308	3,26,968	46,03,089	7,26,710	27,520	10,81,198	565	277,593	3 14 4
1,913'49	" " 17th "	361,659	3,38,320	47,51,171	7,35,191	22,466	10,95,977	573	273,199	4 0 2
1,913'49	" " 24th "	358,929	3,17,094	41,55,743	6,60,506	18,780	10,02,380	524	270,291	3 11 4
1,913'49	" " 31st "	317,170	3,29,525	44,37,308	7,34,809	20,328	10,84,660	567	288,569	3 12 2
1,913'49	" " 7th Sept. ...	313,307	3,04,278	54,00,999	7,92,675	20,347	11,07,300	579	297,794	3 11 6
1,913'49	" " 14th "	339,339	3,07,832	45,34,910	7,57,052	19,130	10,84,014	567	287,170	3 12 5
1,913'49	" " 21st "	415,452	4,09,167	49,78,755	7,27,295	19,471	11,55,843	604	288,562	4 0 1
1,913'49	" " 28th "	372,151	3,71,690	53,35,928	7,92,171	23,994	11,77,765	616	285,663	4 2 0
1,913'49	" " 5th Oct. ...	369,931	4,05,956	55,06,493	8,25,578	18,765	12,53,299	655	294,729	4 4 0
1,913'49	" " 12th "	374,650	3,66,084	48,12,928	7,76,377	20,213	11,63,674	608	293,615	3 15 4
1,913'49	" " 19th "	364,735	4,00,527	35,42,283	6,51,602	20,914	10,73,103	561	265,881	4 0 7
1,913'49	" " 26th "	341,250	3,77,523	49,44,320	9,04,081	20,658	13,02,262	686	299,539	4 5 7
1,913'49	" " 3rd Nov. ...	339,298	3,89,204	52,17,188	9,21,906	22,417	13,33,527	697	310,381	4 4 9
1,913'49	" " 10th "	359,077	4,00,816	46,20,822	8,08,233	19,230	12,28,279	642	276,663	4 7 0
1,913'49	" " 17th "	389,000	4,17,552	54,57,034	9,44,607	19,500	13,81,639	722	303,637	4 8 10
1,913'49	" " 24th "	278,830	4,23,990	54,49,548	9,20,999	20,095	13,65,024	713	304,222	4 7 9
1,913'49	" " 31st "	247,712	4,02,289	63,27,619	9,77,199	20,345	13,99,834	731	305,885	4 9 3
1,913'49	" " 7th Dec. ...	329,751	4,12,781	50,98,255	9,20,036	20,313	13,53,130	707	303,616	4 7 4
Totals up to date		8,301,562	84,45,753	11,11,10,855	1,82,73,059	4,68,279	2,71,87,091	626	6,589,607	4 2 6

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

	Period.	No. of Passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1,837'46	12 days of July ...	707,203	7,62,573	1,04,38,391	18,92,791	34,036	26,80,400	1,464	586,902	Rs. A. P.
1,837'79	Week ended 20th "	385,819	3,75,644	54,41,787	9,92,248	19,462	13,77,344	749	325,917	4 3 7
1,838'04	" " 27th "	436,037	4,34,998	50,18,440	9,75,870	20,231	14,31,099	779	325,316	4 6 5
1,838'04	" " 3rd Aug. ...	427,584	4,86,769	52,95,540	9,07,492	19,952	14,74,210	802	335,217	4 6 4
1,838'04	" " 10th "	418,883	4,53,909	53,28,299	8,01,256	20,579	13,65,744	743	319,146	4 4 0
1,838'04	" " 17th "	398,698	4,41,653	51,57,112	8,18,702	21,789	12,82,144	698	301,468	4 4 1
1,838'04	" " 24th "	358,115	3,33,888	44,51,865	8,01,892	21,047	11,58,797	630	289,670	4 0 0
1,838'04	" " 31st "	381,650	3,45,475	50,08,446	8,00,264	20,055	12,25,774	667	295,548	4 2 4
1,838'04	" " 7th Sept. ...	366,452	3,74,375	51,54,918	8,13,050	18,184	12,06,239	656	287,726	4 3 1
1,838'04	" " 14th "	378,976	3,93,121	48,88,620	8,16,504	23,741	12,34,396	671	285,479	4 5 2
1,838'04	" " 21st "	338,471	3,72,009	48,86,837	8,83,527	24,354	12,84,890	639	296,548	4 5 4
1,838'04	" " 28th "	449,911	4,66,744	48,90,666	9,14,050	19,634	13,94,828	762	299,063	4 10 11
1,838'04	" " 5th Oct. ...	407,969	4,09,315	56,95,173	9,70,466	22,631	14,02,432	763	301,849	4 10 4
1,838'04	" " 12th "	397,210	3,98,657	56,19,323	9,70,397	19,028	13,88,083	755	297,064	4 10 9
1,838'04	" " 19th "	404,620	4,37,432	62,20,643	8,94,920	23,726	13,55,178	737	292,667	4 10 1
1,838'04	" " 26th "	374,530	4,30,426	39,60,223	6,82,717	22,915	11,33,058	616	282,373	4 0 3
1,838'04	" " 3rd Nov. ...	366,931	4,24,345	51,63,633	9,53,135	22,802	14,00,282	762	284,492	4 13 6
1,838'04	" " 10th "	396,312	4,95,966	54,15,080	10,37,415	22,830	15,56,211	847	304,594	5 1 6
1,838'04	" " 17th "	428,380	5,06,710	45,23,775	8,61,423	19,356	15,87,489	755	311,435	4 7 3
1,838'04	" " 24th "	411,048	4,66,053	46,95,734	9,11,132	27,356	14,04,541	764	291,135	4 13 2
1,838'04	" " 31st "	419,383	4,45,677	54,13,211	9,33,514	24,517	14,03,767	794	298,565	4 13 3
1,838'04	" " 7th Dec. ...	389,859	4,33,290	50,68,791	10,16,323	21,313	14,70,825	800	295,999	4 15 6
Totals up to date		9,048,521	96,81,025	11,66,97,096	2,08,60,687	4,88,928	3,10,30,641	739	6,914,067	4 7 2

* Audited figures.

TARKESSUR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 6th December 1902 on 22·23 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	19,482	Rs. A. P. 5,028 3 0	Mds. s. 20,026 30	Rs. A. P. 921 5 0	Rs. A. P. 9 0 0	Rs. A. P. 5,958 8 0	1,072	116	1,188
Or per mile of railway ...	876	226 3 0	901 10 0	41 7 1	0 0 0	268 0 7	48	5	53
For previous 21½ weeks of half-year ...	459,576*	1,08,285 4 0*	3,50,164 0†	15,555 2 0†	182 0 0	1,24,052 6 0	23,522‡	2,350‡	25,872‡
Total for 22½ weeks ...	478,858	1,13,313 7 0	4,00,190 30	16,506 7 0	191 0 0	1,30,010 14 0	24,594	2,466	27,060
COMPARISON.									
Total for corresponding week of previous year.	39,801	5,259 7 4	25,008 0	1,114 6 0	8 1 0	6,381 14 4	1,009	179	1,188
Per mile of railway corresponding week of previous year.	1800	236 9 6	1143 0 0	50 2 1	0 5 9	287 1 4	48	8	56
Total for corresponding 22½ weeks of previous year.	488,465‡	1,11,861 10 3	3,15,443 20	13,480 0 0	173 0 6	1,25,514 10 9	24,792	2,144	26,936

* Deducted No. of passengers 1,213 and Rs. 861 on account of difference between the approximate and audited figures for the weeks ended 22 Do. Mds. 1,046 and " 33½ October and 1st November 1902.
† Audited figures up to 1st November 1902.

1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
*22-23	12 days of July	40,661	10,019	72,607	1,575	10	11,004	522	2,068	5 9 9
*22-23	Week ended 19th July	31,067	6,929	10,687	403	10	7,342	330	1,232	5 7 4
*22-23	" " 26th "	22,847	5,357	10,055	504	6	5,867	264	1,188	4 15 0
*22-23	" " 2nd August	16,896	3,700	8,881	334	11	4,105	185	1,188	3 7 2
*22-23	" " 9th "	19,493	4,747	7,568	569	5	5,611	262	1,188	4 11 2
*22-23	" " 16th "	20,417	4,888	5,734	240	13	5,141	231	1,188	4 4 2
*22-23	" " 23rd "	18,299	4,081	8,805	372	7	4,460	201	1,188	3 12 1
*22-23	" " 30th "	15,615	3,454	8,519	372	6	3,895	173	1,188	3 3 5
*22-23	" " 6th Sept.	20,384	4,819	8,495	382	9	4,483	202	1,188	3 12 1
*22-23	" " 13th "	17,119	3,993	9,041	322	3	4,714	213	1,188	3 15 6
*22-23	" " 20th "	18,340	4,430	10,975	444	15	4,452	200	1,188	3 12 9
*22-23	" " 27th "	19,688	4,430	14,803	568	8	5,006	235	1,188	4 3 0
*22-23	" " 4th Oct.	20,380	4,872	16,918	702	6	5,580	251	1,188	4 11 3
*22-23	" " 11th "	24,420	5,824	24,434	919	12	6,756	304	1,188	5 11 0
*22-23	" " 18th "	23,132	5,482	17,336	726	13	6,231	279	1,188	5 3 9
*22-23	" " 25th "	22,592	5,251	20,463	802	8	6,151	277	1,188	5 2 10
*22-23	" " 1st Nov.	21,352	4,849	17,432	756	8	5,613	253	1,188	4 11 7
*22-23	" " 8th "	22,318	5,967	21,729	1,063	7	6,977	314	1,188	5 14 0
*22-23	" " 15th "	20,491	5,268	27,508	1,655	7	6,930	312	1,188	5 13 4
*22-23	" " 22nd "	23,191	5,598	27,453	1,238	9	6,846	308	1,188	5 12 1
*22-23	" " 29th "	20,656	5,102	26,973	1,350	9	6,361	286	1,188	5 8 8
*22-23	" " 6th Dec.	19,482	5,028	20,027	921	9	5,958	268	1,188	5 9 8
	Totals up to date	478,858	1,13,313	4,00,191	16,506	191	1,30,010	268	27,060	4 12 11

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

		No. of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
22-23	15 days of July	41,388	9,910	20,302	786	18	10,714	482	2,244	4 12 1
22-23	Week ended 27th July	19,522	4,533	5,910	207	8	4,808	216	1,188	4 0 9
22-23	" " 3rd August	30,403	6,411	7,351	310	6	737	303	1,232	5 7 4
22-23	" " 10th "	24,864	5,489	5,586	234	5	5,728	258	1,188	4 12 5
22-23	" " 17th "	1,089	4,807	6,937	312	10	5,139	231	1,188	4 6 1
22-23	" " 24th "	19,154	4,434	7,207	276	8	4,718	212	1,188	3 15 7
22-23	" " 31st "	18,080	3,901	8,841	291	6	4,198	189	1,188	3 8 6
22-23	" " 7th Sept.	19,503	4,339	8,683	364	9	4,712	212	1,188	3 15 6
22-23	" " 14th "	14,501	3,198	7,316	278	7	3,483	167	1,188	2 14 11
22-23	" " 21st "	20,350	4,263	13,302	471	11	4,745	213	1,188	3 15 11
22-23	" " 28th "	18,575	4,086	9,259	355	3	4,424	199	1,188	3 11 3
22-23	" " 5th Oct.	19,641	4,440	13,802	537	9	4,983	224	1,188	4 5 2
22-23	" " 12th "	19,831	4,451	19,197	782	7	5,240	235	1,188	4 14 0
22-23	" " 19th "	22,165	4,951	21,659	892	4	5,847	263	1,188	5 3 5
22-23	" " 26th "	24,001	5,689	17,114	735	7	6,443	290	1,188	5 6 1
22-23	" " 2nd Nov.	23,683	5,637	17,737	1,285	10	6,921	311	1,188	5 13 4
22-23	" " 9th "	23,453	5,626	18,048	822	2	6,824	307	1,188	5 11 1
22-23	" " 16th "	25,053	6,000	18,350	821	10	5,430	244	1,188	4 9 8
22-23	" " 23rd "	22,728	5,416	23,674	1,108	7	6,531	294	1,188	5 7 10
22-23	" " 30th "	19,370	4,622	15,496	655	11	5,188	233	1,188	4 5 10
22-23	" " 7th Dec.	20,801	5,259	25,008	1,115	8	6,382	287	1,188	5 5 11
	Totals up to date	488,466	1,11,861	3,15,444	13,480	173	1,25,514	247	27,236	4 9 9

* Audited figures.

DELHI-UMBALLA-KALKA RAILWAY.

Approximate Return of Traffic for week ended 6th December 1902 on 162.24 miles open.

	COACHING* TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of Passengers.	Coaching Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	21,829	Rs. 24,369 2 0	Mds. 1,00,802 20	Rs. 25,828 0 0	Rs. 87 0 0	Rs. 50,284 2 0	9,955	7,025	16,980
Or per mile of railway ...	...	150 3 3	...	159 3 2	0 8 7	309 15 0	...	...	...
For previous 21½ weeks of half-year ...	449,538*	4,43,603 2 0*	44,23,142 30†	3,04,879 0 0†	1,381 0 0‡	8,11,863 2 0	198,932§	111,365§	310,297
Total for 22½ weeks ...	471,167	4,69,972 4 0	45,89,945 10	3,90,707 0 0	1,468 0 0	8,62,147 4 0	208,887	118,380	327,277
COMPARISON.									
Total for corresponding week of previous year.	25,825	24,445 14 4	96,993 10	13,419 10 0	112 11 6	37,978 3 10	8,248	3,602	11,850
Per mile of railway corresponding week of previous year.	...	150 10 10	...	82 11 5	0 11 1	234 1 4	...	...	...
Total for corresponding 22½ weeks of previous year.	637,837‡	5,61,724 14 7	27,75,031 0	3,04,626 6 10	1,825 15 3	8,68,177 4 8	202,233	79,762	281,995

* Added No. of passengers 295 and Rs. 6,119 }
† Do. Mds. 21,969 and deducted „ 15,69 } On account of difference between the approximate and audited figures for the weeks ended
‡ Do. „ „ „ „ „ „ „ 25th October and 1st November 1902.
§ Audited figures up to 1st November 1902.

1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		Number of Passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
*1902-24	12 days of July ...	40,898	33,091	1,43,494	19,647	93	51,831	319	22,783	Rs. 2 4 5
*1902-24	Week ended 19th „ ...	23,411	17,962	5,62,416	15,268	42	33,272	205	13,707	2 6 10
*1902-24	„ „ 26th „ ...	26,297	22,107	1,02,087	8,894	39	31,033	191	13,778	2 4 0
*1902-24	„ „ 2nd Aug. ...	20,154	15,926	1,00,992	7,715	40	23,681	146	13,472	1 12 1
*1902-24	„ „ 9th „ ...	21,710	17,112	92,616	7,445	58	24,615	152	12,810	1 14 9
*1902-24	„ „ 16th „ ...	21,536	16,863	94,439	9,050	48	26,566	164	12,376	2 3 4
*1902-24	„ „ 23rd „ ...	19,721	14,376	2,79,113	13,016	59	27,451	169	13,233	2 1 2
*1902-24	„ „ 30th „ ...	20,452	20,818	97,499	10,494	47	31,359	193	12,762	2 7 4
*1902-24	„ „ 6th Sept. ...	20,187	20,292	3,32,068	11,246	60	31,598	195	13,871	2 4 5
*1902-24	„ „ 13th „ ...	19,997	20,330	2,63,824	12,758	41	33,129	204	13,188	2 8 9
*1902-24	„ „ 20th „ ...	18,725	17,324	79,421	10,432	59	27,815	171	12,506	2 8 6
*1902-24	„ „ 27th „ ...	16,209	16,639	5,04,588	17,099	60	33,798	208	13,262	2 5 0
*1902-24	„ „ 4th Oct. ...	18,723	17,981	1,88,126	14,107	98	31,286	193	13,518	2 4 2
*1902-24	„ „ 11th „ ...	19,131	21,941	1,38,966	12, 29	107	34,077	210	13,065	2 3 10
*1902-24	„ „ 18th „ ...	21,858	23,240	1,92,095	22,102	76	45,417	280	14,012	2 13 1
*1902-24	„ „ 25th „ ...	19,267	26,808	1,85,745	19,553	86	45,447	280	16,134	2 12 10
*1902-24	„ „ 1st Nov. ...	19,657	25,254	1,93,259	21,270	104	46,628	287	16,644	2 12 8
*1902-24	„ „ 8th „ ...	21,393	25,134	2,79,173	42,327	62	67,513	416	16,198	2 15 11
*1902-24	„ „ 15th „ ...	20,660	27,452	2,10,444	23,321	62	50,835	313	17,307	2 9 0
*1902-24	„ „ 22nd „ ...	18,998	24,005	2,17,556	48,639	77	72,781	443	16,276	2 15 5
*1902-24	„ „ 29th „ ...	20,478	22,844	1,69,312	18,803	81	41,731	257	16,980	2 15 5
*1902-24	„ „ 6th Dec. ...	21,829	24,369	1,06,812	25,828	87	50,284	310	...	...
Totals up to date	...	471,167	4,69,972	45,89,945	3,90,707	1,468	8,62,147	283	327,277	2 10 2

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

		Number of Passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate.
1902-24	13 days of July ...	41,383	31,192	3,15,809	30,744	82	62,018	382	21,945	Rs. 2 13 3
1902-24	Week ended 26th „ ...	23,979	17,861	85,131	10,705	49	28,555	176	11,711	2 7 0
1902-24	„ „ 27th „ ...	22,024	18,996	86,877	10,092	43	29,062	179	11,234	2 9 5
1902-24	„ „ 3rd Aug. ...	21,632	22,416	94,502	11,812	60	34,288	211	11,363	2 9 2
1902-24	„ „ 10th „ ...	21,587	19,225	1,08,344	11,640	34	30,789	190	11,860	2 9 7
1902-24	„ „ 17th „ ...	19,937	18,073	1,02,422	6,466	45	24,587	162	12,104	2 0 6
1902-24	„ „ 24th „ ...	20,400	15,231	61,930	10,681	33	25,946	160	11,002	2 5 9
1902-24	„ „ 31st „ ...	19,676	16,611	72,947	8,796	56	25,393	157	13,539	1 14 0
1902-24	„ „ 7th Sept. ...	18,548	15,492	1,66,223	9,319	61	24,872	163	11,553	2 2 5
1902-24	„ „ 14th „ ...	17,883	16,763	73,573	10,929	60	27,741	171	11,534	2 6 6
1902-24	„ „ 21st „ ...	19,760	21,113	1,97,932	16,548	64	37,725	233	11,890	3 3 2
1902-24	„ „ 28th „ ...	18,310	19,772	1,01,202	16,013	42	35,827	221	11,871	3 0 3
1902-24	„ „ 5th Oct. ...	20,404	20,032	1,55,207	16,674	48	36,754	227	11,293	3 4 1
1902-24	„ „ 12th „ ...	17,979	19,329	1,17,719	14,723	47	31,099	210	11,654	2 14 7
1902-24	„ „ 19th „ ...	19,683	21,916	1,01,873	14,745	105	36,766	227	11,401	3 3 4
1902-24	„ „ 26th „ ...	20,420	21,486	88,485	14,415	103	33,004	222	11,809	3 0 9
1902-24	„ „ 2nd Nov. ...	24,092	27,442	1,42,161	15,424	121	42,987	265	11,932	3 9 7
1902-24	„ „ 9th „ ...	91,701	72,337	1,06,833	18,636	103	91,076	561	18,961	4 14 0
1902-24	„ „ 16th „ ...	102,191	81,070	87,450	12,073	219	93,902	575	19,663	4 12 0
1902-24	„ „ 23rd „ ...	25,708	23,713	1,03,142	15,538	109	39,600	244	12,292	3 3 7
1902-24	„ „ 30th „ ...	22,080	17,348	2,27,276	15,103	237	32,678	201	10,421	3 2 2
1902-24	„ „ 7th Dec. ...	28,825	24,445	96,993	13,419	113	37,978	234	11,250	3 6 6
Totals up to date	...	637,838	5,61,725	27,75,031	3,04,626	1,816	8,68,177	284	281,995	3 1 3

* Audited figures.

SOUTH BEHAR RAILWAY.

Approximate Return of Traffic for week ended 6th December 1902 on 78·76 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week	12,036	Rs. A. P. 6,009 9 0	Mds. S. 39,256 20	Rs. A. P. 5,330 7 0	Rs. A. P. 12 0 0	Rs. A. P. 9,552 0 0	1,881	915	2,796
Or per mile of railway	.....	76 4 10	.....	44 13 3	0 2 5	131 4 6	.....	.....	.....
For previous 21½ weeks of half-year	271,334*	1,43,941 13 0*	7,97,141 10†	53,831 5 0†	282 0 0‡	1,98,055 2 0	42,320§	22,869§	65,089
Total for 22½ weeks	283,397	1,49,951 0 0	8,36,397 30	57,361 12 0	294 0 0	2,07,607 2 0	44,101	23,784	67,886
COMPARISON.									
Total for corresponding week of previous year	11,017	6,390 0 7	27,994 10	1,531 12 0	32 2 3	7,923 14 10	1,933	1,059‡	2,992‡
Per mile of railway corresponding week of previous year	.....	80 12 1	.....	19 7 2	0 6 6	100 9 9	.....	.....	.....
Total for corresponding 22½ weeks of previous year	359,107‡	1,85,556 14 4	7,54,813 10	53,639 9 0	409 3 9	2,39,596 11 1	47,316‡	26,216‡	73,533‡

* Added No. of passengers 7,002 and Rs. 208 } On account of difference between the approximate and audited figures for the weeks ended 25th
† Deducted Mds. 8,773 and added " 317 } October and 1st November 1902.
‡ Added " 11 }
§ Audited figures up to 1st November 1902.

1902.

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901.

Open mileage.	Period.	Coaching Traffic.		Merchandise and Mineral Traffic.		Other earnings.	Total.	Per mile of railway.	Train mileage.	
		Number of passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate. Rs. A. P.
*78°76	12 days of July	23,554	12,210	70,897	4,678	40	16,828	214	4,961	3 6 3
*78°76	Week ended 19th "	12,311	6,581	33,422	2,135	8	8,734	111	2,678	3 4 1
*78°76	" " 26th "	11,735	5,894	41,404	2,348	9	8,251	105	2,835	2 14 7
*78°76	" " 2nd Aug.	12,264	6,000	53,575	3,210	11	9,221	117	2,835	3 4 0
*78°76	" " 9th "	10,679	5,312	28,678	2,009	18	7,339	93	2,914	2 8 4
*78°76	" " 16th "	9,868	4,830	53,627	2,382	11	7,223	92	2,569	2 12 6
*78°76	" " 23rd "	9,464	4,706	31,775	2,344	6	7,056	90	2,605	2 11 4
*78°76	" " 30th "	9,081	4,648	30,303	2,535	15	7,198	91	2,386	2 2 0
*78°76	" " 6th Sept.	9,001	4,837	22,725	1,944	11	6,792	86	3,780	1 12 9
*78°76	" " 13th "	11,357	5,641	25,389	1,770	20	7,431	94	2,756	2 11 2
*78°76	" " 20th "	17,552	10,249	35,073	1,478	9	11,736	149	3,465	3 6 2
*78°76	" " 27th "	22,324	14,241	35,174	1,918	13	16,172	205	3,544	4 9 0
*78°76	" " 4th Oct.	19,915	12,269	33,974	2,466	9	14,444	183	3,625	3 15 9
*78°76	" " 11th "	10,198	5,464	40,475	3,406	14	8,884	113	3,165	2 12 11
*78°76	" " 18th "	10,114	5,577	25,037	2,384	8	7,769	99	2,914	2 10 8
*78°76	" " 25th "	17,096	6,143	29,532	2,687	19	8,849	112	2,914	3 0 7
*78°76	" " 1st Nov.	9,962	5,291	33,154	2,752	15	8,058	102	2,335	2 13 6
*78°76	" " 8th "	10,704	5,967	33,831	2,341	12	8,320	106	2,695	3 1 4
*78°76	" " 15th "	13,204	6,564	41,694	3,258	12	9,834	125	2,874	3 6 9
*78°76	" " 22nd "	11,836	6,377	43,963	3,432	11	9,820	125	2,814	3 7 10
*78°76	" " 29th "	9,720	5,340	34,438	2,755	11	8,106	103	2,894	2 12 10
*78°76	" " 6th "	12,063	6,010	39,257	3,530	12	9,552	121	2,796	3 6 8
	Totals up to date	283,397	1,49,951	8,36,398	57,362	294	2,07,607	116	67,835	3 0 11

Abstract of progressive weekly returns of all earnings for 1902 in comparison with 1901—concluded.

1901.

		No. of Passengers.	Rs.	Mds.	Rs.	Rs.	Rs.	Rs.	No.	Rate. Rs. A. P.
78°76	13 days of July	20,350	10,058	87,747	6,177	24	16,229	206	6,143	2 10 4
78°76	Week ended 20th "	12,298	5,805	50,236	3,121	8	8,904	114	3,307	2 11 6
78°76	" " 27th "	10,907	5,683	40,002	2,883	18	10,984	139	3,308	3 6 2
78°76	" " 3rd Aug.	32,988	13,656	51,096	3,215	14	16,885	214	3,386	4 15 9
78°76	" " 10th "	31,942	13,849	40,144	3,542	34	17,425	221	3,307	5 4 3
78°76	" " 17th "	23,221	11,728	38,833	2,740	21	14,489	184	3,308	4 6 1
78°76	" " 24th "	11,546	6,212	35,066	2,906	20	9,138	116	3,307	2 12 2
78°76	" " 31st "	10,525	5,616	28,040	1,812	15	7,443	95	3,308	2 4 0
78°76	" " 7th Sept.	10,142	5,643	23,620	1,702	11	7,356	93	3,465	2 2 0
78°76	" " 14th "	10,423	5,566	17,879	1,394	11	6,971	89	3,386	2 0 11
78°76	" " 21st "	11,084	5,126	27,073	2,059	17	7,202	91	3,308	2 2 10
78°76	" " 28th "	17,405	9,198	28,268	2,127	15	11,338	144	3,465	3 4 4
78°76	" " 5th Oct.	20,731	12,811	24,385	1,905	21	14,737	187	3,524	4 2 11
78°76	" " 12th "	18,677	11,431	25,327	2,148	11	13,590	173	3,308	4 1 9
78°76	" " 19th "	17,320	9,944	32,531	2,410	25	12,379	157	3,622	3 6 8
78°76	" " 26th "	11,114	6,329	25,228	3,112	20	8,461	107	2,914	2 14 5
78°76	" " 2nd Nov.	13,630	7,943	26,437	1,814	18	9,775	124	2,539	3 14 1
78°76	" " 9th "	14,540	8,445	33,001	2,271	30	10,746	136	2,677	4 0 3
78°76	" " 16th "	14,294	8,199	36,076	2,041	15	10,255	130	3,150	3 4 1
78°76	" " 23rd "	12,738	7,139	22,950	1,771	13	8,923	113	2,677	3 5 4
78°76	" " 30th "	13,126	6,358	24,584	1,948	16	8,822	106	3,160	2 10 2
78°76	" " 6th Dec.	11,017	6,380	27,994	1,532	32	7,924	100	2,992	2 10 4
	Totals up to date	359,107	1,85,557	7,54,813	53,639	409	2,39,596	133	73,553	3 4 2

* Audited figures.

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and Mileage for the week ended 6th December 1902 on 139 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		RS. A. P.	MDs. S.	RS. A. P.	RS. A. P.	RS. A. P.			
Total traffic for the week ...	47,590	17,048 0 0	59,075 0	5,398 0 0	100 0 0	22,546 0 0	4,745	3,145	7,890
Or per mile of railway ...	366	131 0 0†	429 0	39 0 0	1 0 0	171 0 0	.....	.....	.....
For previous 22 weeks of half-year*	777,467	3,11,278 0 0	23,98,782 0	2,79,656 0 0	8,100 0 0	5,99,034 0 0	77,490	99,832	177,322
Total for 23 weeks ...	825,057	3,28,326 0 0	24,58,457 0	2,85,054 0 0	8,200 0 0	6,21,580 0 0	82,233	102,977	185,212
COMPARISON.									
Total for corresponding week of previous year ...	49,443	18,804 0 0	92,357 0	7,522 0 0	194 0 0	26,520 0 0	3,675	3,851	7,526
Per mile of railway corresponding week of previous year ...	380	145 0 0	664 0	54 0 0	1 0 0	200 0 0	.....	.....	.....
Total to corresponding date of previous year ...	324,722	3,32,115 0 0	27,60,785 0	3,14,895 0 0	42,085 0 0	6,89,095 0 0	75,148	109,984	185,132

* Audited up to week ending 11th October 1902.
† Coaching traffic calculated on 130 miles only.

ASSAM-BENGAL RAILWAY.

Approximate Return of traffic for the week ended 6th December 1902 on 558 miles open for all descriptions of traffic, and an additional 31 miles for goods and parcels traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	35,150	21,216 0 0	2,05,027 0	12,189 0 0	1,852 0 0	35,257 0 0	7,256	9,678	16,934
Or per mile of railway ..	63.05	38.02	348.06	20.09	3.14	61.85	13.00	16.26	29.26
For previous 22 weeks of half-year ...	666,986	4,07,861 0 0	51,08,456 0	4,18,211 0 0	33,576 0 0	8,59,648 0 0	140,067	214,615	354,682
Total for 23 weeks ...	702,136	4,29,077 0 0	53,13,463 0	4,30,400 0 0	35,428 0 0	8,94,905 0 0	147,323	224,193	371,516
COMPARISON.									
Total for corresponding week of previous year ...	34,051	21,796 0 0	1,25,896 0	17,454 0 0	787 0 0	40,047 0 0	6,339	7,346	13,745
Per mile of railway corresponding week of previous year ...	61.02	39.06	213.74	29.63	1.35	70.04	11.47	12.47	23.94
Total to corresponding date of previous year ...	680,336	4,30,577 0 0	29,77,626 0	4,15,688 0 0	31,311 0 0	8,77,576 0 0	143,496	149,388	292,884

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING 6TH DECEMBER 1902.			RECEIPTS FOR WEEK ENDING 7TH DECEMBER 1901.			TOTAL RECEIPTS FROM 1ST APRIL 1902 TO 6TH DECEMBER 1902.			TOTAL RECEIPTS FROM 1ST APRIL 1901 TO 7TH DECEMBER 1901.			Total increase in 1902.	Total decrease in 1902.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
589	Rs. 35,257	Rs. 61.85	589	Rs. 40,047	Rs. 70.04	589	Rs. 13,49,879	...	589	Rs. 13,98,372	...	.....	Rs. 48,493

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., K.-D., DACCA, AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 6th December 1902 on 889 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	248,050	Rs. A. P. 1,17,550 0 0	Mds. S. 19,34,450 0	Rs. A. P. 2,28,870 0 0	Rs. A. P. 13,200 0 0	Rs. A. P. 3,50,020 0 0	38,332	42,530	80,862
Or per mile of railway ...	279	132 0 0	1,164 0	258 0 0	1 0 0*	391 0 0*	...	...	...
For previous 22 weeks of half-year† ...	4,900,234	23,79,889 0 0	2,56,51,633 0	52,19,451 0 0	4,43,763 0 0	80,43,103 0 0	827,211	975,332	1,802,543
Total for 23 weeks ...	5,148,284	24,97,439 0 0	2,66,86,083 0	54,48,321 0 0	4,56,963 0 0	84,02,723 0 0	865,543	1,017,862	1,883,405
COMPARISON.									
Total for corresponding week of previous year ...	289,467	1,38,680 0 0	10,02,148 0	2,10,389 0 0	12,058 0 0	3,61,127 0 0	37,686	46,228	83,914
Per mile of railway corresponding week of previous year ...	339	163 0 0	1,173 0	246 0 0	1 0 0	410 0	...	...	...
Total to corresponding date of previous year ...	5,154,655	24,09,481 0 0	2,64,04,315 0	52,28,092 0 0	5,43,129 0 0	81,71,702 0 0	859,484	1,070,128	1,929,612

* Excluding ferry earnings Rs. 12,000.

† Audited up to week ending 4th October 1902.

BRAHMAPUTRA-SULTANPUR BRANCH RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 6th December 1902 on 59.37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	8,740	Rs. A. P. 2,740 0 0	Mds. S. 13,710 0	Rs. A. P. 1,030 0 0	Rs. A. P. 50 0 0	Rs. A. P. 3,820 0 0	896	784	1,680
Or per mile of railway ...	147	46 0 0	231 0	17 0 0	1 0 0	64 0 0	...	...	...
For previous 21 weeks of half-year*	155,075	46,708 0 0	6,55,661 0	68,050 0 0	740 0 0	1,18,496 0 0	21,059	24,916	45,975
Total for 22 weeks ...	163,815	49,446 0 0	6,69,371 0	69,080 0 0	790 0 0	1,19,316 0 0	21,955	25,700	47,655
COMPARISON.									
Total for corresponding week of previous year ...	7,474	2,023 0 0	16,939 0	1,566 0 0	21 0 0	3,610 0 0	1,087	593	1,680
Per mile of railway corresponding week of previous year ...	127	34 0 0	287 0	27 0 0	.....	61 0 0	...	...	...
Total to corresponding date of previous year ...	150,997	41,145 0 0	5,63,849 0	55,456 0 0	539 0 0	97,140 0 0	21,276	23,611	43,887

* Audited up to week ending 4th October 1902.

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 6th December 1902 on 53.37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	9,710	Rs. A. P. 2,390 0 0	Mds. S. 35,539 0	Rs. A. P. 1,800 0 0	Rs. A. P. 10 0 0	Rs. A. P. 4,200 0 0	940	682	1,622
Or per mile of railway ...	182	45 0 0	666 0	34 0 0	.....	79 0 0	...	...	...
For previous 22 weeks of half-year*	198,858	51,160 0 0	6,97,708 0	35,451 0 0	672 0 0	87,253 0 0	23,299	12,435	35,734
Total for 23 weeks ...	208,568	53,550 0 0	7,33,238 0	37,251 0 0	682 0 0	91,483 0 0	24,239	13,117	37,356
COMPARISON.									
Total for corresponding week of previous year ...	9,886	2,661 0 0	36,230 0	1,631 0 0	23 0 0	4,315 0 0	973	681	1,654
Per mile of railway corresponding week of previous year ...	185	50 0 0	679 0	31 0 0	.....	81 0 0	...	...	...
Total to corresponding date of previous year ...	197,403	50,294 0 0	5,88,398 0	34,117 0 0	713 0 0	75,124 0 0	23,210	15,399	38,609

* Audited up to week ending 4th October 1902.

DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 6th December 1902 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	29,080	8,250 0 0	23,140 0	2,400 0 0	110 0 0	10,760 0 0	2,780	1,528	4,308
per mile of railway ...	338	96 0 0	269 0	28 0 0	1 0 0	125 0 0	...	...	...
For previous 22 weeks of half-year ...	593,184	1,74,754 0 0	7,86,726 0	73,911 0 0	10,512 0 0	2,58,177 0 0	61,289	34,305	95,494
Total for 23 weeks ...	622,264	1,83,004 0 0	8,09,866 0	75,311 0 0	10,622 0 0	2,68,987 0 0	64,069	35,733	99,802
COMPARISON.									
Total for corresponding week of previous year ...	30,835	9,196 0 0	68,006 0	7,503 0 0	87 0 0	16,786 0 0	2,878	3,348	6,226
per mile of railway corresponding week of previous year ...	359	107 0 0	791 0	87 0 0	1 0 0	195 0 0	...	...	...
Total to corresponding date of previous year ...	605,507	1,86,200 0 0	13,45,898 0	1,28,421 0 0	8,999 0 0	3,23,620 0 0	65,701	60,888	126,589

* Audited up to week ending 4th October 1902.

COOCH BEHAR STATE RAILWAY

Approximate Return of Traffic and Mileage for the week ended 6th December 1902 on 33.6 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,950	980 0 0	20,730 0	1,220 0 0	30 0 0	2,230 0 0	298	1,842	2,140
per mile of railway ...	88	29 0 0	617 0	36 0 0	1 0 0	66 0 0	...	...	...
For previous 22 weeks of half-year ...	59,211	20,145 0 0	8,06,787 0	31,471 0 0	440 0 0	52,065 0 0	6,474	30,880	37,354
Total for 23 weeks ...	62,161	21,125 0 0	9,17,517 0	32,691 0 0	479 0 0	54,295 0 0	6,772	32,722	39,494
COMPARISON.									
Total for corresponding week of previous year ...	2,525	910 0 0	8,817 0	787 0 0	195 0 0	1,892 0 0	307	505	812
per mile of railway corresponding week of previous year ...	75	27 0 0	261 0	23 0 0	1 0 0	51 0 0	...	...	...
Total to corresponding date of previous year ...	52,808	18,680 0 0	1,01,713 0	21,010 0 0	3,611 0 0	43,310 0 0	6,138	13,255	19,393

* Audited up to week ending 4th October 1902.
Ballast train-miles, 1,500.

BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 13th December 1902 on 1,261 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mts.	Rs.	Rs.	Rs.			
Total traffic for the week on 1,261 miles open ...	165,370	(a) 77,310	6,74,080	83,200	19,800	(a) 1,80,810	42,705	(b) 30,583	73,288
Or per mile of railway ...	131.14	61.31	534.86	65.98	15.70	142.99	...	...	...
For previous 22 weeks of half-year (c) ...	4,314,399	18,03,562	1,23,78,069	13,83,193	3,48,041	35,34,796	974,074	669,824	1,643,898
Total for 23 weeks ...	4,479,769	18,80,872	1,30,52,149	14,66,393	3,67,841	37,15,106	1,016,779	700,407	1,717,186
COMPARISON.									
Total for corresponding week of previous year on 1,251 miles open ...	198,819	81,254	5,70,107	84,737	20,334	1,06,315	33,392	(d) 33,458	66,850
Per mile of railway corresponding week of previous year ...	158.53	64.95	455.72	67.53	16.23	148.95	...	...	...
Total to corresponding date of previous year ...	4,535,206	19,02,213	1,33,21,009	15,35,406	3,87,676	38,25,385	818,215	681,842	1,500,057

- (a) Decrease due mainly to falling off in local traffic probably owing to plague.
(b) Includes 4,314 miles of ballast trains run on open line.
(c) " audited figures up to week ending 25th October 1902.
(d) " 5,770 miles of ballast trains run on open line.

CORRIGENDA

TO

Approximate Return of Traffic for week ending 6th December 1902.

Please read Rs. 36,39,069 for Rs. 33,39,069 under the column "Total earnings" of "Total to corresponding date of previous year."

J. LIGHTFOOT,
Chief Auditor.

DARJERLING-HIMALAYAN RAILWAY COMPANY, LIMITED.									
		Rs.			A. P.		Rs. A. P.		
Approximate earnings for the week ending 13th Dec. 1902	{	Coaching	...	5,488	0	0	}	15,406	0 0
		Goods	...	9,852	0	0			
		Other earnings	...	66	0	0			
Audited earnings for the corresponding period of 1901	{	Coaching	...	5,059	0	0	}	15,264	0 0
		Goods	...	9,876	0	0			
		Other earnings	...	329	0	0			
		Increase			...		142 0 0		
Receipts per mile for the week ending 13th Dec. 1902	...	...	...	...	...	...	302	1	8
Ditto for the corresponding period of 1901	...	...	...	...	...	...	299	4	8
		Increase			...		2 12 7		
Receipts from 1st July to 13th Dec. 1902	...	...	...	...	...	...	3,68,134	0	0
Ditto for the corresponding period of 1901	...	...	...	...	...	...	3,69,152	0	0
		Decrease			...		1,018 0 0		



SUPPLEMENT TO
The Calcutta Gazette.

WEDNESDAY, DECEMBER 31, 1902.

OFFICIAL PAPERS.

[Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of five rupees per annum if delivered in Calcutta, or seven rupees and eight annas if sent by post.]

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WEATHER AND CROP REPORT.

For the week ending the 29th December 1902.

Burdwan.—Rainfall at Kalna 0·13, Raniganj 0·03. Weather fine. Harvesting of *aman* continues. Condition of other standing crops fair. Fodder and water sufficient. No cattle-disease. Common rice sells at 11 seers per rupee.

Birbhum.—Rainfall nil. Weather fair. Harvesting of winter crops continues. *Rabi* crop promising. Coarse rice sells at 16 seers per rupee. Fodder and water sufficient.

Bankura.—Rainfall at Sadar ·11. Weather cool. Harvesting of paddy finished. *Rabi* crops doing fairly well. Fodder and water sufficient. Common rice selling at 14 seers a rupee.

Midnapore.—Rainfall at Sadar 0·86, Contai 1·20, Tamluk 0·90. Weather cold. Harvesting of winter rice going on. *Rabi* crops doing well. Fodder and water sufficient. No cattle-disease. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	13 0	} per rupee.
Contai	...	15 0	
Tamluk	...	11 0	
Ghatal	Not received.

Hooghly.—Rainfall at Sadar 0·30, Serampore 0·46, Arambagh 0·19. Weather cold. Harvesting of *aman* continues. State of *rabi* crops fair. Fodder and water sufficient. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	10 0	} per rupee.
Serampore	...	10 0	
Arambagh	...	10 12	

Howrah.—Rainfall at Sadar 0·45, Ulubaria 1·20. Weather seasonable. The harvesting of the winter rice crops continues. Sugarcane doing well. Cultivation of *rabi* crops is in progress. No cattle-disease. Fodder and water-supply sufficient. Common rice is selling at 11 seers per rupee.

24-Parganas.—Rainfall at Sadar 0·06, Barasat 0·36, Basirhat 0·23. Diamond Harbour 0·75. Weather seasonable. State and prospects of standing crops fair. Sowing of *rabi* over. Harvesting of *aman* continues and that of mustard commenced in Basirhat. Common rice sells at 11 seers; in Basirhat at 13, and in Diamond Harbour at 10½ seers per rupee. Condition of cattle good. Supply of fodder and water sufficient.

Nadia.—Rainfall at Chuadanga 0·02, at other stations nil. Weather seasonable. Harvesting of *aman* paddy, *mung* and *kalai* nearly finished. Standing crops fair, except at Chuadanga and Meherpur, where they are suffering for want of rain. Fodder and water sufficient. No cattle-disease reported. Common rice sells as follows:—

			Srs.	ch.	
Sadar	13 0	} per rupee.
Ranaghat	12 0	
Chuadanga	11 8	
Kushtia	12 8	
Meherpur	11 5	

Murshidabad.—Rainfall nil. Weather seasonable. Harvesting of *haimanti* paddy going on. Prospect of *rabi* crops good. No cattle-disease reported from anywhere. Fodder and water sufficient. Common rice sells as follows:—

			Srs.	ch.	
Sadar	11 0	} per rupee.
Kandi	15 8	
Jangipur	15 0	
Lalbagh	14 0	

Jessore.—Rainfall at Sadar, Jhenida and Bangaon nil, Narail 0·75, Magura 0·03. Weather seasonable. Prospect of crops fair. Fodder and water sufficient. Cattle-diseases reported from Magura thana and Salikha outpost in Magura subdivision. Common rice sells as follows:—

			Srs.	ch.	
Sadar	12 0	} per rupee.
Bangaon	12 5	
Narail	12 5	
Magura	12 8	
Jhenida	12 8	

Khulna.—Rainfall at Sadar nil, Bagerhat 0·23, Satkhira 0·07. Weather seasonable. Harvesting of *aman* paddy and transplantation of *boro* continue. Outturn of the sugarcane crop is expected to be normal. Fodder and water sufficient. A few cases of cattle-disease reported from Dumuria. Common rice sells as follows:—

			Srs.	ch.	
Sadar	12 12	} per rupee.
Bagerhat	14 0	
Satkhira	11 8	

Rajshahi.—Prospects of standing crops good. Harvesting of winter rice going on. Condition of cattle good. Fodder and water ample. Common rice selling at 13½ seers per rupee.

Dinajpur.—Rainfall nil. Weather seasonable. Harvesting of winter rice and cultivation of *rabi* crops going on. No cattle-disease. Fodder and drinking-water plentiful. Rice selling at 13 seers per rupee.

Jalpaiguri.—Rainfall nil. Weather seasonable. Harvesting of *haimanti* paddy going on. Tobacco doing well. Common rice sells at 11½ seers a rupee. Fodder and water sufficient.

Darjeeling.—Rainfall nil. Weather seasonable. *Hills*—*Haimanti dhan*, *bara marua*, *jow*, barley, *kalai dal*, and *phaphar* doing well. *Tera*i—Reaping of *haimanti* paddy in progress. Prospects of standing crops good. Coarse rice sells as follows:—

			Srs.	ch.	
Hills	9 0	} per rupee.
Terai	11 0	

Maize sells at Darjeeling at 16 seers and at Kalimpong at 18 seers per rupee.

Rangpur.—Rainfall nil. Weather seasonable. Harvesting of *aman* going on. Prospects favourable. Water and fodder sufficient. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	12 8	} per rupee.
Nilphamari	...	14 0	
Kurigram	...	10 8	
Gaibanda	...	12 0	

Bogra.—No rain. Weather seasonable. *Rabi* sowings and harvesting of winter rice going on. Prospects good. Fodder and water sufficient. Common rice sells at 16 seers per rupee.

Pabna.—Rainfall nil. Weather cool. Prospects of standing *rabi* crops good. Wheat, barley and *china* are being sown. Common rice is selling at 14 seers the rupee at Sadar and 12 seers at Serajganj.

Dacca.—Rainfall at Sadar .04, Manikganj nil, Munshiganj .03, Narayanganj .10. Weather seasonable. Prospects of crops good. Fodder available. No cattle-disease. Common rice sells at 12½ seers per rupee.

Mymensingh.—Rainfall nil. Weather seasonable. Condition of crops good. Harvesting going on. No cattle-disease. Water and fodder sufficient. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	16 0	} per rupee.
Kishorganj	...	13 0	
Jamalpur	...	14 8	
Netrokona	...	15 3	
Tangail	...	14 0	

Faridpur.—Rainfall at Sadar and Goalundo nil, Madaripore .01. Weather cold. Harvesting of paddy completed. *Rabi* crops doing well. Common rice sells at 13 seers a rupee. Fodder available. No cattle-disease.

Backergunge.—Rainfall at Sadar 0.13. Weather seasonable. Harvesting of *aman* continues. Prospects good. Fodder and water sufficient. Common *aman* (old) 11 seers and (new) 13 seers per rupee.

Tippera.—Rainfall at Sadar .01, Chandpur .09, Brahmanbaria nil. Prospects of crops good. Harvesting of *aman* and sowing of *rabi* continue. Fodder and water available. No cattle-disease. Common rice sells as follows:—

	Srs.	ch.	
Sadar	...	14 0	} per rupee.
Brahmanbaria	...	13 14	
Chandpur	...	12 0	

Noakhali.—Rainfall at Sadar 0.11, Feni 0.18. Weather seasonable. Harvesting of *aman* continues. Prospects good. Cattle-disease at Begamganj. Fodder and water sufficient. Common rice sells at 14 seers per rupee.

Chittagong.—No rain. Cultivation of *rabi* crop is nearly over and reaping of *aman* crop going on. Fodder and water sufficient. Common rice sells at 13 seers per rupee.

Chittagong Hill Tracts.—Rainfall nil. Weather cold. Winter paddy harvesting continues. *Rabi* crop promising. No cattle-disease reported. Rice sells at 13 seers per rupee.

Patna.—Rainfall nil. Weather clear and cold. Paddy harvesting and sugarcane pressing continues. *Rabi* doing well. Poppy germinating. No cattle-disease. Fodder and water sufficient. Common rice sells at Patna at 16 seers and at Dinapore at 16½ seers per rupee.

Gaya.—Rainfall nil. Weather cold. Harvesting of paddy continues. *Rabi* doing well. Fodder and water for cattle sufficient. Average price of common rice is 15 seers per rupee.

Shahabad.—No rain. Paddy being harvested and sugarcane pressed. Poppy and *rabi* doing well. Fodder and water abundant. Rice selling at Sadar at 14 seers per rupee.

Saran.—Rainfall nil. Weather seasonable. Standing crops doing well. Sugarcane pressing commenced. Fodder and water sufficient. No cattle-disease. Common rice sells at 15½ seers and maize at 28 seers per rupee at Sadar.

Champaran.—No rain. Prospects of standing crops good, but rain wanted for *rabi*. Harvesting of paddy in progress. Poppy doing well. No cattle-disease. Fodder and water sufficient. Common rice sells at 18 seers and maize at 32½ seers per rupee.

Muzaffarpur.—Rainfall nil. Weather cool. Harvesting of winter rice nearly finished. Prospects of *rabi* crops continue good. Fodder and water sufficient. Common rice sells at 13 seers and maize at 29 seers per rupee.

Darbhanga.—Rainfall nil. Weather seasonable. Prospects of standing crops good. Harvesting of paddy in progress. Fodder and water sufficient. Cattle-disease is reported from Dalsing Serai thana and Mohiuddinnagar out-post. Common rice sells as follows :—

	Srs.	ch.	
Sadar	...	17 8	} per rupee.
Samastipur	...	15 0	
Madhubani	...	17 15	

Moaghyr.—No rain. Weather seasonable. Harvesting of winter paddy and pressing of sugarcane going on. Standing crops doing well. Prospects of poppy continue satisfactory. No cattle-disease. Fodder and water sufficient. Common rice sells as follows :—

	Srs.	ch.	
Sadar	...	15 14	} per rupee.
Begusarai	...	16 0	
Jamui	...	17 0	

Bhagalpur.—Rainfall nil. Weather seasonable. Harvesting of *aghani dhan* is briskly going on. Prospects of *rabi* crops continue to be favourable. Cattle-disease reported from Banka. Fodder and water sufficient everywhere. Common rice sells as follows :—

	Srs.	ch.	
Sadar	...	15 2	} per rupee.
Banka	...	16 4	
Madhipura	...	19 0	
Supaul	...	20 0	

Purnea.—No rain. Weather cold. Harvesting of winter rice still going on. Standing *rabi* crops doing well. No cattle-disease. Fodder and water sufficient. New common rice sells at 14 seers per rupee in all parts of the district.

Malda.—Rainfall nil. Weather seasonable. Harvesting of winter rice continues and that of *kalai* commenced in places. Mustard and other *rabi* crops doing well. No cattle-disease. No want of fodder and water. Common rice sells at 16 seers per rupee.

Sonthal Parganas.—Rainfall nil. Weather seasonably cold. Harvesting of winter rice still continues. Sugarcane is being pressed. *Rabi* crops doing well. Fodder and water sufficient. Common rice sells at Sadar at 17 seers per rupee.

Cuttack.—Rainfall at Sadar 18 inches, fall general. *Saradh* being harvested. *Rabi* getting maturity. Prospects unchanged. Fodder and water available. New common rice sells at 15½ seers per rupee at Sadar.

Balasore.—Rainfall nil. *Saradh* being harvested. Sugarcane being pressed at places. Other crops doing well. Fodder and water sufficient. Rice sells at 14 and 15 seers per rupee at Sadar and Bhadrak respectively.

Angul.—Rainfall at Sadar 0.11, Chhendipadda 1.50, Tikerpara 0.32. Weather seasonable. Pressing of sugarcane continues. Cattle-disease reported from the interior. Common rice sells at 17 and 16½ seers per rupee at Sadar and Khondmals respectively.

Puri.—Rainfall 0.43. Weather seasonable for *rabi* crops. Harvesting of winter rice going on. Outturn expected slightly below normal. Miscellaneous crops doing well. Sugarcane is being pressed. Fodder and water-supply sufficient. Common rice sells at 14 seers 7 chitaks per rupee.

Hazaribagh.—Rainfall nil. Weather cold. Harvesting of winter paddy almost finished. Standing crops doing well. Fodder and water sufficient. Common rice sells at 14½ seers per rupee.

Ranchi.—Rainfall nil. Weather seasonable. Threshing of *sirguja* continues. *Rabi* crops doing well. Cattle-disease not reported. Fodder and water sufficient. Common rice selling at 16 seers per rupee.

Palamau.—Rainfall nil. Weather seasonable. Rain wanted for standing crops. Sugarcane being pressed and oil-seeds doing well. Cattle-disease continues in places. Fodder and water sufficient. Rice sells at Sadar at 15½ seers and maize at 21 seers 6 chitaks per rupee.

Manbhum.—No rain. Weather seasonable. Prospects of crops good. Rain wanted for *rabi* crops in places. Fodder and water sufficient. Cattle-disease not reported. Average price of common rice is at Sadar 15 seers and at Gobindpur 14 seers per rupee.

Singhbhum.—Rainfall nil. *Rabi* crops need rain. Rice sells at Sadar at 16 seers per rupee.

General Summary.—Slight showers are reported from a few districts of Lower Bengal and Orissa. Standing *rabi* crops require rain in the districts of Nadia, Champaran, Palamau, Manbhum, and Singhbhum. Prospects generally good. Harvesting of winter rice and pressing of sugarcane going on. Poppy doing well. Cattle-disease reported from seven districts. Fodder and water sufficient. The price of common rice has fallen in eight districts, risen in three, and is stationary in the rest.

By order of the Lieutenant-Governor of Bengal,

W. C. MACPHERSON,

Offg. Secretary to the Govt. of Bengal.

REVENUE DEPARTMENT,
The 30th December 1902.

Results of the Meteorological Observations taken at the Alipore Observatory from
21st to 27th December 1902.

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 32° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
1902.				Inches.	°	°	°	°	°	Inches	°	%			Inches.	
Dec.	21st	132.9	4.6	29.994	68.9	77.8	16.4	61.4	64.7	0.557	62.0	79	E by S and ENE	53	0.02	Chiefly cloud.
"	22nd	82.2	NH	30.052	64.0	65.3	5.8	59.5	61.9	.532	60.7	88	NNE and calm ...	52	0.64	Cloudy, o. g. p.
"	23rd	128.2	5.2	.042	64.2	74.0	17.9	56.1	56.4	.353	49.4	59	NNE, NE and N by E.	90	NH	Partially cloud.
"	24th	126.9	8.1	29.997	64.4	73.8	17.4	56.4	55.2	.315	46.3	52	N by E and NNW	138	"	Clear, c.
"	25th	125.1	8.1	.989	61.4	72.8	21.4	51.4	54.4	.332	47.6	60	N by W and NW	97	"	Clear, d.
"	26th	126.1	8.1	30.027	63.4	74.4	20.8	53.6	56.1	.355	49.4	61	NW and NNW ...	112	"	Chiefly clear.
"	27th	124.9	8.1	.052	63.0	74.3	21.0	53.3	54.6	.315	46.3	55	NNW and NW ...	112	"	Chiefly clear.

The mean pressure of the seven days ...	...	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	...	30.022
The total number of hours of bright sunshine ...	...	...	...	...	Hours.
The maximum possible number of hours of sunshine ...	...	...	...	...	74.9
The mean temperature of the seven days ...	...	...	...	...	°
The average temperature of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	...	64.2
The extreme variation of temperature ...	...	...	...	...	67.3
The maximum temperature ...	...	...	...	...	77.8
The highest velocity of the wind in one hour ...	...	...	...	...	Miles.
The mean relative humidity ...	...	...	...	...	65
The average relative humidity of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	...	71
The total fall of rain from 21st to 27th December 1902 ...	...	...	...	...	Inches.
The average fall of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	...	0.66
The total fall from 1st January to 27th December 1902 ...	...	...	...	...	0.01
The average fall of the corresponding period for 24 years, Surveyor-General's Office ...	...	...	...	...	62.28
The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from eye observations.	...	...	...	...	65.24

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard, Newman's No. 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed by the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph. The mouth of the rain-gauge is one foot above the ground.

c, overcast; g, gloomy; d, drizzling rain; p, passing temporary showers; a, dew.

METEOROLOGICAL OFFICE, GOVT. OF INDIA;
Alipore (Calcutta), the 29th December 1902.

G. W. KÜCHLER,
for Meteorological Reporter to the Govt. of India
and Director-General of Indian Observatories.

EAST INDIAN RAILWAY.

Statement of Goods Traffic in staples carried during the four weeks ending 25th October 1902 as compared with the same period of 1901.

STAPLES.	1901.		1902.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
Apparel, including drapery, haberdashery, millinery, uniforms, accoutrements, boots and shoes	9,417	12,205	9,633	12,036	216	.....	.....	169
Coal and coke carried for the public and foreign railways	1,14,88,073	16,73,252	99,31,030	12,86,158	.....	.....	15,57,043	2,87,094
Cotton—								
(1) Raw	28,545	18,482	36,161	26,385	7,616	7,903	.....	.....
(2) Manufactured—								
(a) Twist and Yarn, European	6,106	5,855	2,091	2,320	.....	.....	4,015	3,535
(b) Ditto, Indian	40,342	15,370	44,977	14,984	4,635	.....	.....	586
(c) Piece-goods, European	1,65,943	1,82,064	1,37,325	1,52,429	.....	.....	25,618	29,635
(d) Ditto, Indian	25,386	16,815	20,053	10,402	.....	.....	4,333	6,413
(e) Others	3,096	2,153	4,808	4,256	1,712	2,103	.....	.....
Chemicals excepting saltpetre	8,181	5,064	3,492	2,804	.....	.....	4,689	2,200
Drugs—								
1.—Intoxicating, other than opium	136	61	653	280	517	219	.....	.....
2.—Non-intoxicating	7,864	5,885	6,435	4,188	.....	.....	1,429	1,697
Dyes and Tans—								
1.—Al (Morinda citrifolia)	132	42	100	13	.....	.....	32	29
2.—Alizarine and aniline dyes	783	761	313	294	.....	.....	470	477
3.—Cutch	1,628	748	2,629	1,074	1,001	326	.....	.....
4.—Indigo	1,701	2,564	774	869	.....	.....	927	2,695
5.—Myrobolams	4,434	2,418	5,783	1,787	1,349	.....	.....	661
6.—Tanning barks	2,376	554	1,216	199	.....	.....	1,161	355
7.—Turmeric	8,445	5,281	7,566	4,070	.....	.....	889	311
8.—Others	3,338	1,321	8,827	2,761	5,489	1,430	.....	.....
Fodder—								
1.—Oilcake	83,437	11,786	35,862	4,931	.....	.....	47,575	6,855
2.—Hay, straw and grass	15,037	1,326	23,119	3,125	7,252	1,700	.....	.....
Fruits and vegetables, fresh	8,673	2,621	7,111	2,830	.....	.....	1,562	.....
Grain and Pulse—								
1.—Wheat	4,40,053	1,15,430	4,41,478	99,237	1,425	.....	.....	16,223
2.—Wheat flour	57,019	13,435	66,287	14,469	9,268	1,434	.....	.....
3.—Rice in the husk	2,37,521	30,557	46,202	5,127	.....	.....	1,91,229	25,430
4.—Rice not in the husk	4,97,713	91,626	2,02,005	30,381	.....	.....	2,95,728	60,745
5.—Jowar and bajra	14,464	1,433	1,129	1,078	.....	.....	2,335	355
6.—Gram and pulse	4,53,977	1,08,892	4,38,692	1,03,750	.....	.....	15,285	5,142
7.—Others	1,84,760	27,690	1,59,455	25,872	.....	.....	25,305	1,318
Hides and Skins—								
1.—Hides of cattle	26,503	12,721	30,260	15,431	3,757	2,709	.....	.....
2.—Skins of sheep, &c.	15,391	10,352	18,585	10,551	3,234	199	.....	.....
Horns	1,072	399	742	301	.....	.....	360	98
Hemp (Indian) and other fibres (excluding jute)	27,271	11,701	24,817	10,988	.....	.....	2,454	718
Jute—								
1.—Raw	3,00,267	54,432	3,52,057	55,893	51,790	1,161	.....	.....
2.—Gunnings and cloth	79,178	44,733	1,80,347	60,536	1,01,169	15,803	.....	.....
Lac	40,306	10,701	41,055	23,827	.....	.....	4,126	8,351
Leather—								
1.—Unwrought	3,388	3,610	3,178	3,950	.....	.....	340	210
2.—Wrought excepting boots and shoes	1,273	1,656	1,426	1,152	153	96	.....	.....
Liquors—								
1.—Ale and Beer	13,109	4,884	21,249	6,284	8,140	1,400	.....	.....
2.—Spirits of all kinds, including country spirit	1,423	1,766	1,220	1,355	.....	.....	133	351
3.—Wines	2,170	3,162	3,183	5,117	1,013	1,955	.....	.....
4.—All other sorts, including toddy and fermented liquor, other than ale and beer	258	120	.....	.....	.....	.....	258	126
Metals—								
1.—Brass, unwrought	2,551	1,267	2,080	1,701	438	434	.....	.....
2.—Do., wrought	16,631	7,072	16,965	7,253	334	181	.....	.....
3.—Copper, unwrought	217	100	796	592	579	492	.....	.....
4.—Do., wrought	1,732	1,284	880	427	.....	.....	902	857
5.—Iron and steel—								
(a) Cast	20,859	6,946	31,365	14,501	10,446	7,555	.....	.....
(b) Unwrought	12,142	4,213	10,069	2,036	.....	.....	2,133	2,177
(c) Wrought	98,052	43,941	1,79,427	43,715	72,375	.....	.....	.....
(d) Manufactures of iron and steel	36,494	15,507	21,431	12,002	.....	.....	15,063	3,415
6.—Zinc and spelter	2,442	1,869	2,435	1,406	.....	.....	37	7
7.—Others	9,904	7,606	5,178	6,189	.....	.....	1,726	1,417
Oilseeds—								
1.—Kerosine	1,43,786	48,840	1,32,012	47,218	.....	.....	11,744	1,622
2.—Castor	3,093	867	4,769	1,103	1,676	236	.....	.....
3.—Cocunut	4,193	1,583	3,687	1,180	.....	.....	606	403
4.—Mustard and rape	7,251	3,676	7,376	2,912	125	.....	.....	764
5.—Others	6,096	4,175	4,726	2,419	.....	.....	2,270	1,756
Oilseeds—								
1.—Castor	60,292	15,498	59,807	15,931	.....	.....	395	.....
2.—Earthnuts	11	7	7	2	.....	.....	.....	.....
3.—Linseed	1,53,419	34,107	1,08,480	27,755	.....	.....	44,939	6,362
4.—Poppy	18,246	2,935	13,606	3,437	.....	.....	4,742	.....
5.—Rape and mustard	2,27,570	76,190	2,13,047	60,372	.....	.....	14,523	15,818
6.—Til or jinjili	14,632	2,540	8,721	1,659	.....	.....	5,911	890
7.—Others	37,813	7,328	44,841	9,147	7,028	1,310	.....	.....
Opium	135	117	1,267	520	1,132	403	.....	.....
Paper and pasteboard	15,024	10,747	16,924	11,302	1,300	555	.....	.....
Provisions—								
1.—Dried fruits and nuts	19,980	9,002	17,139	5,982	.....	.....	2,841	3,020
2.—Ghee	43,643	31,749	49,693	36,450	6,050	4,701	.....	.....
3.—Potatoes	1,02,737	32,639	1,79,659	1,01,374	76,922	68,735	.....	.....
4.—Others	32,045	18,488	38,389	17,512	6,294	.....	.....	976
Railway plant & rolling-stock carried for the public & foreign railways—								
1.—Locomotives, engines and tenders and parts thereof	307	48	989	618	592	570	.....	.....
2.—Carriages and trucks and parts thereof	419	101	4,646	1,348	4,227	1,247	.....	.....
3.—Materials—								
(a) Steel rails and fish-pieces	12,008	3,638	24,820	8,372	12,812	4,734	.....	.....
(b) Sleepers and keys of steel and cast-iron	452	243	7,115	2,907	6,663	2,664	.....	.....
(c) Other sorts	57,490	7,644	1,39,133	40,027	81,673	32,983	.....	.....
alt	5,75,084	59,543	3,96,612	68,070	.....	.....	78,472	24,573

STAPLES.	1901.		1902.		INCREASE.		DECREASE.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
Saltpetre and other saline substances—	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.	Mds.	Rs.
1.—Saltpetre	28,848	13,838	27,754	21,202	18,006	7,454	.....	.....
2.—Other saline substances	30,702	13,693	36,223	11,694	.....	.....	3,239	1,999
Silk—								
1.— <i>Raw</i> —								
(a) Foreign	8	4	309	10	294	6	.....	.....
(b) Indian	1,288	659	971	504	.....	.....	317	55
2.— <i>Piece-goods</i> —								
(a) Foreign ... ..	.....	.....	.....	.....	.....	.....	.....	.....
(b) Indian	423	762	438	551	15	.....	.....	211
Spices—								
1.—Betelnuts	22,095	17,524	20,107	17,126	.....	.....	1,988	896
2.—Cardamoms	945	923	698	571	.....	.....	277	362
3.—Chillies	9,638	4,742	6,532	2,619	.....	.....	3,306	2,223
4.—Ginger	1,534	678	1,487	488	.....	.....	47	190
5.—Pepper	1,718	1,508	1,186	1,401	.....	.....	532	107
6.—Others	12,354	6,561	11,208	6,425	.....	.....	1,146	135
Stone and lime	3,07,795	78,451	4,61,108	65,903	63,313	.....	.....	12,548
Sugar—								
1.—Refined	26,599	5,541	67,890	13,764	41,381	13,223	.....	.....
2.—Unrefined—								
(a) Sugar	1,06,043	31,163	71,501	18,060	.....	.....	34,542	12,503
(b) <i>Gur, rab, jaggree, molasses and other saccharine produce</i>	72,479	10,755	80,141	10,415	7,662	.....	.....	40
Tea—								
1.—Foreign ... ..	.....	.....	.....	.....	.....	.....	.....	.....
2.—Indian	2,194	1,054	2,179	1,340	.....	.....	15	268
Tobacco	43,112	18,683	35,463	18,133	.....	.....	4,649	55
Wood—								
1.—Timber, unwrought	63,234	10,479	1,08,591	18,586	45,357	8,116	.....	.....
2.—Manufactures	19,715	5,302	16,064	5,690	2,949	388	.....	.....
Wool—								
1.—Raw	1,451	477	829	410	.....	.....	622	67
2.—Manufactured—								
(a) Carpets and rugs	2,544	1,498	1,153	1,355	.....	.....	1,391	131
(b) Piece-goods, European	310	150	5,177	1,029	4,867	879	.....	.....
(c) Ditto, Indian	1,844	2,452	2,717	2,695	673	243	.....	.....
(d) Other sorts of manufactures	3,418	3,130	2,928	2,077	.....	.....	490	1,063
All other articles of merchandise—								
1.—Bones	13,734	2,392	30,794	6,224	17,060	3,832	.....	.....
2.—Firewood	22,194	1,324	37,659	2,518	15,465	1,194	.....	.....
3.—Indigo seed	3,795	1,153	4,229	915	434	.....	.....	238
4.—Paints and colours	5,151	2,456	2,450	1,033	.....	.....	2,701	1,423
5.—Seeds other than oilseeds	28,436	6,597	954	298	.....	.....	27,532	6,229
6.—Others	6,19,492	2,06,744	11,09,576	2,58,443	5,50,084	52,609	.....	.....
Total	1,76,10,404	33,70,825	1,63,19,683	30,70,788	.....	.....	12,90,721	3,00,037
Military stores	18,409	43,134	39,334	25,281	21,525	.....	.....	17,853
Coal for railway	11,64,685	92,387	9,36,325	67,264	.....	.....	2,58,230	25,023
Railway materials	19,84,595	56,786	20,77,625	49,561	93,030	.....	.....	7,204
Live-stock ... ..	.....	21,671	.....	18,194	.....	.....	.....	3,477
Total	2,08,07,963	35,84,682	1,93,78,567	32,31,085	.....	.....	14,34,396	3,63,59

T. JACKSON, for *Chief Auditor*.

TRAFFIC AUDIT OFFICE, GOODS DIVISION, CALCUTTA, the 22nd December 1902.

Weekly Return of Traffic Receipts on Indian Railways.

BENGAL CENTRAL RAILWAY COMPANY, LIMITED.

Approximate Return of Traffic and Mileage for the week ended 13th December 1902 on 139 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week	33,550	15,900 0 0	75,167 0	6,217 0 0	68 0 0	22,185 0 0	4,745	3,163	7,908
Mile of railway	258	122 0 0†	541 0	45 0 0	.....	167 0 0	.....	.....	.....
Previous 23 weeks of half-year*	825,868	3,28,467 0 0	24,75,467 0	2,84,999 0 0	5,727 0 0	6,19,183 0 0	85,278	98,581	183,859
Total for 24 weeks	859,418	3,44,357 0 0	25,50,624 0	2,91,216 0 0	5,795 0 0	6,41,368 0 0	90,023	101,744	191,767
COMPARISON.									
For corresponding week of previous year	33,629	16,030 0 0	81,453 0	9,499 0 0	51 0 0	25,580 0 0	3,785	3,148	6,933
Mile of railway corresponding of previous year	259	123 0 0	586 0	68 0 0	.....	191 0 0	.....	.....	.....
To corresponding date of this year	868,351	3,48,146 0 0	28,51,238 0	3,24,893 0 0	42,136 0 0	7,14,675 0 0	78,933	113,132	192,065

* Audited up to week ending 25th October 1902.
† Coaching traffic calculated on 139 miles only.

ASSAM-BENGAL RAILWAY.

Approximate Return of traffic for the week ended 13th December 1902 on 558 miles open for all descriptions of traffic, and an additional 31 miles for goods and parcels traffic only.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week	25,356	22,100 0 0	2,10,397 0	14,167 0 0	817 0 0	37,123 0 0	6,693	9,516	16,209
Mile of railway	63'36	39'62	357'21	24'10	1'39	63'11	11'09	16'16	28'15
Previous 23 weeks of half-year	701,014	4,29,893 0 0	53,15,253 0	4,30,489 0 0	35,487 0 0	8,95,819 0 0	147,376	224,268	371,644
Total for 24 weeks	730,370	4,52,002 0 0	55,25,650 0	4,44,636 0 0	36,304 0 0	9,32,642 0 0	154,069	233,784	387,853
COMPARISON.									
For corresponding week of previous year	34,155	23,436 0 0	1,45,990 0	18,142 0 0	739 0 0	42,317 0 0	6,852	6,851	13,703
Mile of railway corresponding of previous year	61'21	42'00	247'86	30'90	1'25	74'05	12'28	11'63	23'91
To corresponding date of this year	714,491	4,54,013 0 0	31,23,616 0	4,33,830 0 0	32,050 0 0	9,19,893 0 0	150,348	156,239	306,587

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Assam-Bengal Railway.

RECEIPTS FOR WEEK ENDING 13 DECEMBER 1902.			RECEIPTS FOR WEEK ENDING 14TH DECEMBER 1901.			TOTAL RECEIPTS FROM 1ST APRIL 1902 TO 13TH DECEMBER 1902.			TOTAL RECEIPTS FROM 1ST APRIL 1901 TO 14TH DECEMBER 1901.			Total increase in 1902.	Total decrease in 1902.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.			Rs.				Rs.
37,123	65'11	589	42,317	74'05	589	13,37,916	...	589	14,40,689	...	.....		52,775

EASTERN BENGAL STATE RAILWAY.

(INCLUDING N. B., K.-D., DACCA, AND ASSAM-BEHAR SECTIONS.)

Approximate Return of Traffic and Mileage for the week ended 13th December 1902 on 889 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	240,720	Rs. A. P. 1,21,170 0 0	Mds. S. 10,54,410 0	Rs. A. P. 2,18,670 0 0	Rs. A. P. 13,610 0 0	Rs. A. P. 3,53,450 0 0	38,332	44,856	83,188
Or per mile of railway ...	271	136 0 0	1,185 0	246 0 0	1 0 0*	383 0 0*	...	...	...
For previous 23 weeks of half-year ...	5,156,005	25,03,184 0 0	2,66,83,774 0	54,35,023 0 0	4,57,637 0 0	83,95,844 0 0	865,353	1,022,509	1,37,853
Total for 24 weeks ...	5,397,715	26,24,354 0 0	2,77,38,184 0	56,53,633 0 0	4,71,247 0 0	87,49,294 0 0	903,685	1,067,356	1,91,041
COMPARISON.									
Total for corresponding week of previous year ...	239,536	1,22,852 0 0	10,74,245 0	2,18,617 0 0	12,910 0 0	3,54,379 0 0	37,743	48,568	86,311
Per mile of railway corresponding week of previous year ...	280	144 0 0	1,258 0	256 0 0	1 0 0	401 0 0	...	...	...
Total to corresponding date of previous year ...	5,394,191	25,23,333 0 0	2,76,68,569 0	54,46,709 0 0	5,56,040 0 0	85,26,082 0 0	888,227	1,118,696	2,00,923

* Excluding ferry earnings Rs. 12,500.

† Audited up to week ending 11th October 1902.

BRAHMAPUTRA-SULTANPUR BRANCH RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 13th December 1902 on 59.37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	7,960	Rs. A. P. 2,530 0 0	Mds. S. 6,890 0	Rs. A. P. 490 0 0	Rs. A. P. 60 0 0	Rs. A. P. 3,080 0 0	925	...	1,690
Or per mile of railway ...	134	43 0 0	116 0	8 0 0	1 0 0	52 0 0	...	...	...
For previous 23 weeks of half-year ...	102,793	49,018 0 0	6,04,096 0	68,467 0 0	774 0 0	1,18,257 0 0	21,043	25,921	47,964
Total for 24 weeks ...	170,753	51,546 0 0	7,00,986 0	68,957 0 0	834 0 0	1,21,337 0 0	22,963	26,676	49,639
COMPARISON.									
Total for corresponding week of previous year ...	7,289	1,935 0 0	32,710 0	2,129 0 0	24 0 0	4,082 0 0	1,087	692	1,639
Per mile of railway corresponding week of previous year ...	124	33 0 0	385 0	36 0 0	...	69 0 0	...	...	...
Total to corresponding date of previous year ...	158,283	43,083 0 0	5,86,569 0	57,577 0 0	563 0 0	1,01,293 0 0	22,363	23,204	45,567

* Audited up to week ending 11th October 1902.

MYMENSINGH-JAGANNATHGANJ RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 13th December 1902 on 53.37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
Total traffic for the week ...	11,200	Rs. A. P. 2,720 0 0	Mds. S. 23,080 0	Rs. A. P. 1,190 0 0	Rs. A. P. 10 0 0	Rs. A. P. 3,920 0 0	936	548	1,484
Or per mile of railway ...	210	51 0 0	432 0	22 0 0	...	73 0 0	...	...	...
For previous 23 weeks of half-year ...	209,108	53,025 0 0	7,26,141 0	37,123 0 0	671 0 0	91,419 0 0	24,097	13,453	37,550
Total for 24 weeks ...	220,308	66,345 0 0	7,49,221 0	38,313 0 0	681 0 0	93,339 0 0	25,033	14,001	39,034
COMPARISON.									
Total for corresponding week of previous year ...	12,124	2,528 0 0	30,752 0	2,086 0 0	31 0 0	4,645 0 0	988	536	1,524
Per mile of railway corresponding week of previous year ...	227	47 0 0	576 0	39 0 0	1 0 0	87 0 0	...	...	...
Total to corresponding date of previous year ...	209,527	52,832 0 0	6,19,150 0	26,203 0 0	744 0 0	79,769 0 0	24,198	15,935	40,133

* Audited up to week ending 11th October 1902.

DACCA STATE RAILWAY.

Approximate Return of Traffic and Mileage for the week ended 13th December 1902 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	26,780	8,290 0 0	22,760 0	2,050 0 0	80 0 0	10,420 0 0	2,798	1,510	4,308
Or per mile of railway ...	311	96 0 0	265 0	24 0 0	1 0 0	121 0 0	...	...	...
For previous 23 weeks of half-year ...	622,456	1,83,573 0 0	8,14,682 0	74,887 0 0	10,024 0 0	2,00,084 0 0	64,069	35,733	99,802
Total for 24 weeks ...	649,236	1,91,863 0 0	8,37,442 0	76,937 0 0	10,704 0 0	2,79,504 0 0	66,867	37,243	104,110
COMPARISON.									
Total for corresponding week of previous year ...	29,542	9,074 0 0	68,035 0	7,259 0 0	90 0 0	16,423 0 0	2,987	3,348	6,335
Per mile of railway corresponding week of previous year ...	343	106 0 0	791 0	84 0 0	1 0 0	191 0 0	...	...	...
Total to corresponding date of previous year ...	635,139	1,95,274 0 0	14,13,933 0	1,35,680 0 0	9,089 0 0	3,40,043 0 0	68,688	64,236	132,924

* Audited up to week ending 11th October 1902.

COOCH BEHAR STATE RAILWAY

Approximate Return of Traffic and Mileage for the week ended 13th December 1902 on 33.6 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (including ferry).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	No. of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,710	1,010 0 0	21,290 0	1,220 0 0	40 0 0	2,270 0 0	266	1,842†	2,108
Or per mile of railway ...	81	30 0 0	634 0	37 0 0	1 0 0	68 0 0	...	...	...
For previous 23 weeks of half-year ...	61,392	20,912 0 0	9,16,881 0	32,943 0 0	455 0 0	54,310 0 0	6,757	31,330	38,087
Total for 24 weeks ...	64,102	21,922 0 0	9,37,671 0	34,163 0 0	495 0 0	56,580 0 0	7,023	33,172	40,195
COMPARISON.									
Total for corresponding week of previous year ...	2,012	746 0 0	11,763 0	1,196 0 0	151 0 0	2,003 0 0	315	624	939
Per mile of railway corresponding week of previous year ...	60	22 0 0	348 0	36 0 0	...	58 0 0	...	...	...
Total to corresponding date of previous year ...	54,815	19,424 0 0	2,03,478 0	22,207 0 0	3,763 0 0	45,403 0 0	6,453	13,879	20,332

* Audited up to week ending 11th October 1902.

† Ballast train-miles, 1,500.

BENGAL AND NORTH-WESTERN RAILWAY.

Approximate Return of Traffic for the week ending 20th December 1902 on 1,261 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam-boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 1,261 miles open ...	199,740	(a) 89,480	6,48,200	(a) 88,120	15,980	(a) 1,93,580	41,786	(b) 31,016	72,802
Or per mile of railway ...	158.40	70.96	514.04	69.88	12.67	153.51	...	...	...
For previous 23 weeks of half-year (c) ...	4,483,829	18,83,846	1,30,08,672	14,60,515	3,75,604	37,19,965	1,016,645	600,618	1,716,263
Total for 24 weeks ...	4,683,569	19,73,326	1,36,56,872	15,48,635	3,91,584	39,13,545	1,058,431	730,634	1,789,065
COMPARISON.									
Total for corresponding week of previous year on 1,260 miles open ...	177,916	71,286	5,71,331	82,733	19,900	1,73,919	32,026	(d) 33,441	65,467
Per mile of railway corresponding week of previous year ...	141.20	56.58	453.44	65.66	15.79	138.03	...	...	...
Total to corresponding date of previous year ...	4,715,122	19,73,499	1,38,02,340	16,18,229	4,07,576	39,99,304	850,241	715,233	1,565,524

(a) Increase due to brisker traffic probably owing to Delhi Darbar for coronation celebration.

(b) Includes 4,388 miles of ballast trains run on open line.

(c) Audited figures up to week ending 8th November 1902.

(d) 5,612 miles of ballast trains run on open line.

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B. & N.-W. RAILWAY.)

Approximate Return of Traffic for the week ending 20th December 1902 on 18 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	No.	Rs.	Mds.	Rs.	Rs.	Rs.			
Total traffic for the week on 18 miles open ...	1,343	260	13,144	271	14	545	366	133	504
Or per mile of railway ...	74.78	14.44	730.23	15.06	0.78	30.28	.....	.....	.....
For previous 23 weeks of half-year (a) ...	47,291	5,303	2,70,861	6,669	260	12,322	7,568	3,120	10,688
Total for 24 weeks ...	48,637	5,653	2,93,005	6,940	274	12,867	7,934	3,253	11,187
COMPARISON.									
Total for corresponding week of previous year on 18 miles open ...	2,197	331	17,927	341	14	686	356	148	504
Or per mile of railway corresponding week of previous year ...	122.06	18.38	993.94	18.92	0.77	38.07	.....	.....	.....
Total to corresponding date of previous year ...	61,169	9,259	2,86,682	6,793	343	16,395	9,812	2,788	12,600

(a) Includes audited figures up to week ending 8th November 1902.

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B. & N.-W. RAILWAY.)

Audited Return of Traffic for the week ending 8th November 1902 on 18 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILE RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	No.	Rs. A. P.	Mds.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 18 miles open ...	1,418	294 6 7	11,313	332 7 0	5 0 0	631 13 7	319	185	504
Or per mile of railway ...	80.44	16 5 3	622.94	18 7 6	0 4 5	35 1 8	.....	.....	.....
For previous 17 weeks of half-year ...	36,661	3,580 12 3	175,498	4,803 0 0	169 6 0	8,553 2 3	5,633	1,977	7,610
Total for 18 weeks ...	38,109	3,875 2 10	186,711	5,135 7 0	174 6 0	9,184 15 10	5,952	2,162	8,114
COMPARISON.									
Total for corresponding week of previous year on 18 miles open ...	2,761	412 8 6	15,920	405 5 2	17 7 0	865 4 8	365	142	504
Or per mile of railway corresponding period of previous year ...	153.39	24 9 4	834.44	22 8 4	0 15 6	48 1 2	.....	.....	.....
Total to corresponding date of previous year ...	46,572	6,866 11 0	202,453	5,241 7 11	219 9 0	12,327 11 11	7,670	1,870	9,540

SEGOWLIE-RAKSAUL BRANCH RAILWAY.

(WORKED BY THE B. & N.-W. RAILWAY.)

Audited Return of Traffic for the week ending 15th November 1902 on 18 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Passengers carried.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	No.	Rs. A. P.	Mds.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 18 miles open ...	1,947	483 13 5	12,416	440 10 0	10 6 0	936 13 5	312	210	522
Or per mile of railway ...	108.17	26 15 10	689.78	24 7 8	0 9 3	52 0 9	.....	.....	.....
For previous 18 weeks of half-year ...	38,109	3,875 2 10	186,711	5,135 7 0	174 6 0	9,184 15 10	5,952	2,162	8,114
Total for 19 weeks ...	40,056	4,361 0 3	199,127	5,576 1 0	184 12 0	10,121 13 3	6,264	2,372	8,636
COMPARISON.									
Total for corresponding week of previous year on 18 miles open ...	2,396	346 2 0	15,722	300 6 4	11 12 0	658 4 4	374	130	504
Or per mile of railway corresponding period of previous year ...	127.56	19 3 8	873.44	16 11 0	0 10 6	36 9 2	.....	.....	.....
Total to corresponding date of previous year ...	48,808	7,212 13 0	218,175	5,841 14 3	231 5 0	12,986 0 3	8,044	2,000	10,044

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

		Rs.	A.	P.	Rs.
Approximate earnings for the week ending 20th Dec. 1902	{ Coaching ...	6,843	0	0	16,987 0 0
	{ Goods ...	10,073	0	0	
	{ Other earnings ...	71	0	0	
Audited earnings for the corresponding period of 1901	{ Coaching ...	6,863	0	0	16,691 0 0
	{ Goods ...	9,500	0	0	
	{ Other earnings ...	328	0	0	
	Increase				296 0 0
Receipts per mile for the week ending 20th Dec. 1902					333 1 3
Ditto for the corresponding period of 1901					327 4 5
	Increase				5 12 10
Receipts from 1st July to 20th Dec. 1902					3,85,121 0 0
Ditto for the corresponding period of 1901					3,85,843 0 0
	Decrease				722 0 0